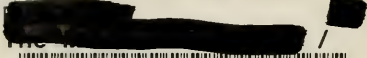
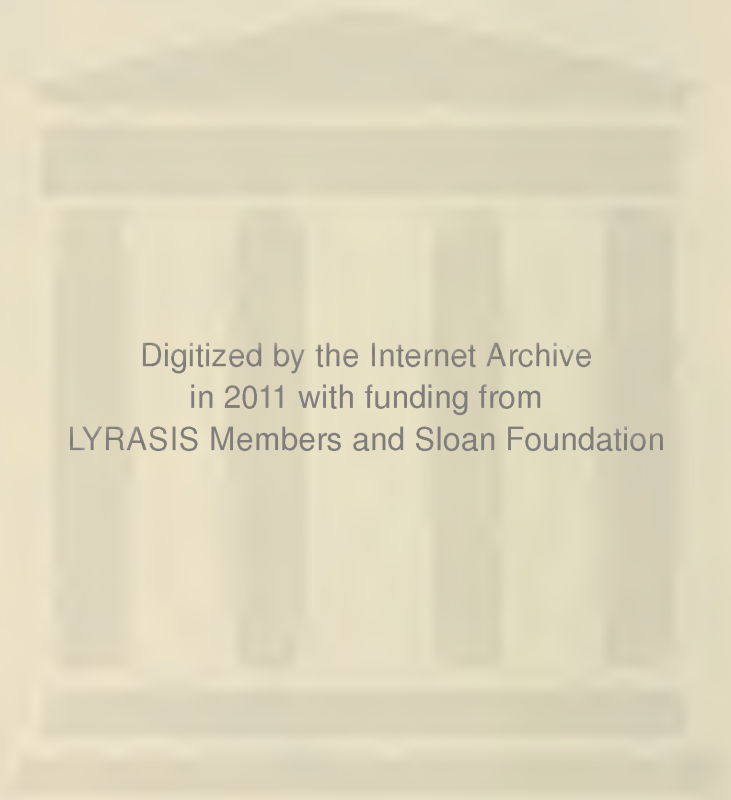


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MILLIGAN COLLEGE

Milligan College

CATALOG 1982-1983

TABLE OF CONTENTS

Nature of the College	2
Student Life	7
Campus	13
Procedures	17
Admissions	18
Fees/Expenses	20
Financial Aid	22
General Academic Information	26
Degree Requirements	26
Areas of Instruction	33
Area of Biblical Learning	34
Area of Humane Learning	39
Area of Professional Learning	53
Area of Scientific Learning	67
Area of Social Learning	74
The Milligan Community	86

Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges for Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics for Women
- Association for Schools, Colleges, and University Staffing
- Christian College Coalition
- College Placement Council
- Council for the Advancement of Small Colleges
- Council of Protestant Colleges
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee College Association
- Tennessee College Public Relations Association
- Tennessee College Women's Sports Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference
- Volunteer State Athletic Conference

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Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.



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NATURE OF THE COLLEGE



Students, faculty, administrators, and board members in attendance at a prayer meeting held during the fall board meeting.

HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was

constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the 13th president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is



revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Dean of Students. The rooms are subject to spot checks by the Head Resident. The Head Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the Dean of Students.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.



Students participate in Convocation services twice a week.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$7.50 per semester will be charged.

Students who repeatedly violate the vehicular regulations will lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Student Government, assisted by the Dean of Students.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Head Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Head Resident is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Dean of Students is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Jubilation Corporation is a vocal and instrumental group which performs material of a more contemporary nature.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Campolo, Dr. Bruce M. Metzger, and Dr. Carl F. H. Henry.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker	1972	Joseph H. Dampier
1959	Ard Hoven	1973	Mildred Welshimer Phillips
1961	R. M. Bell	1974	Milligan College Faculty
1963	James H. Jauncey	1975	Clarence Greenleaf
1964	J. D. Murch	1977	David Thompson
1966	Marshall Leggett	1978	Perry Gresham
1967	John Baird	1979	Mildred Welshimer Phillips
1968	James G. Van Buren	1980	Robert W. Burns



The 1982 gospel team "Inheritance"

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the yearbook of the College, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to club meetings to discuss topics related to their work.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in arranging movies, concerts, and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Political Science Club is interested in discussion of political issues, promoting political understanding, and exploring politically related careers.

The Library Buffs is an organization made up of the student workers of the library and any student interested in literature and the development of the library.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Delta Kappa is a women's organization designed to serve the campus and area children's homes. It is also responsible for the Blood Mobile drive on campus.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, soccer, and swimming (as a club).

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond, softball and soccer fields, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H. J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Dean of Students, the Registrar, the Director of Admissions, and the Director of Financial Aid.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named the Marguerite Fierbaugh Lawson Science Center in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, Director of Placement, and the Director of Testing. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Director of Church Relations, and the Director of Communications and Alumni Affairs.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and

CAMPUS BUILDINGS



Seeger Chapel



Little Hartland



*Marguerite Fierbaugh Lawson
Science Center*



Derthick Hall



P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.



PROCEDURES



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP) and the College Level Examination Program (CLEP) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0

system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean.
2. The Academic Dean will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

Special students are those students who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over 18 years of age who does not qualify for any of the above categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If he satisfies the entrance requirements in full within two years from the time of admission, he may then become a candidate for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credits earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is during the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$1600.00
Room	400.00
Board	<u>700.00</u>

TOTAL FOR ONE SEMESTER	\$2700.00
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Tuition each academic hour over 17	\$ 94.00
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Tuition for a single three hour course	\$ 99.00
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A special fee schedule is charged for 4 to 11 hours.

Additional fee for private room	\$ 175.00
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SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 315, 316, 471, 472	\$ 5.00
Science Laboratory Fee	15.00
Psychology 252	10.00
Psychology 259 (for four credit hours)	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301, 311	5.00
Art 305	10.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	10.00
Directed Teaching Fee	30.00
Music 221, 222	30.00

Tuition Charges in Applied Music

One semester hour	\$45.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve his place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	1.00
Automobile registration fee	7.50
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for single three hour course	49.50

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$200.00 for the year.

Board

The cost of Board is \$602.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of members of the immediate family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such a transfer must notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications should be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This program provides long-term loans with an annual interest rate of 4%. Payment period begins six months after the borrower terminates his enrollment.

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Milligan College Installment Loan—This loan is available to students to supplement their financial aid awards. The loan is included as part of the financial aid package. It is paid to the college at 8% interest over an 18 month period. Payment begins with the first month of enrollment.

Grants

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,750.00, and the average award is approximately \$800.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate financial need.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for each year of undergraduate study to \$12,500.00 aggregate for undergraduate education.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of parents' deaths. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships for Freshmen—All incoming freshmen students are eligible for this scholarship which is based on their ACT or SAT score. The amount of the scholarship will vary from full tuition to 10% of tuition based on the ACT or SAT score. This scholarship is automatic and no application is necessary.

Honor Scholarship for Upper-Classmen—Sophomores and Juniors in 1982-83 and Juniors in 1983-84 may apply for this scholarship. The person ranking first in his Milligan class will receive \$1,000 toward his next year's expenses. The person ranking second will receive \$750, and the person ranking third will receive \$500. This program will be replaced eventually by the ACT Scholarship.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is open to Sophomores and second semester Freshmen. The first category scholarship winners are determined by the Faculty in that area while the second category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded each year to students who demonstrate skill in vocal or instrumental music.

Roger Lance Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Lone L. Sisk Scholarship—Each year the proceeds from the Sisk Scholarship Fund will be awarded to a science major recommended by the science faculty.

Carter County Scholarships—In recognition of the service and support of the County in which the College is located, this scholarship will be made available to graduates of high schools within the County and to others who have resided in the County for at least six months.

Bible Bowl Scholarships—An award of \$5,000 toward four years at Milligan is available to any member of the first or second place Bible Bowl Team at the North American Christian Convention.

The Ernest K. Sparr English Scholarship—This scholarship was established to help students majoring in English. The award is determined by scholarship, need, and funds available.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The G. I. Bill

Milligan College is eligible to receive veterans under the provision of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration Office or writing the Business Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Elementary Education, Health and Physical Education, Human Relations, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Political Science, six hours

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 64 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

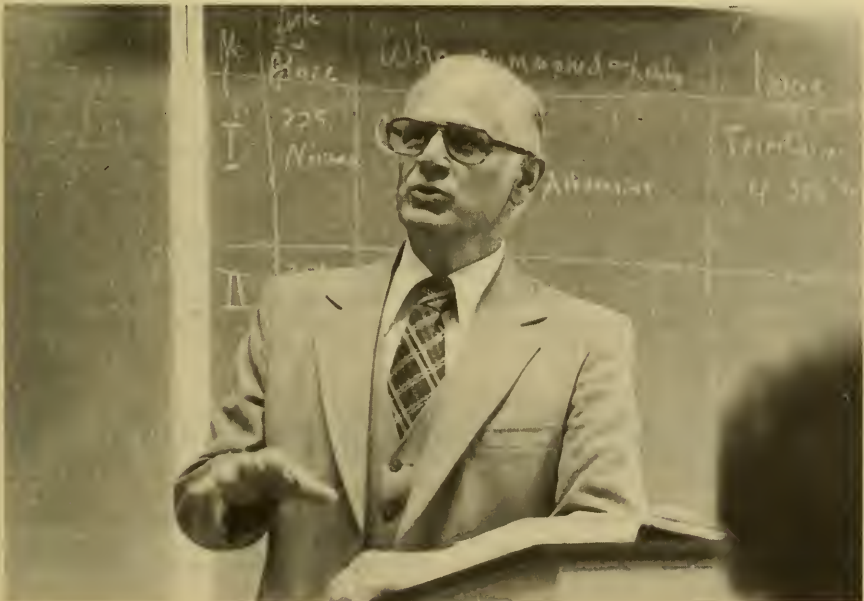
The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.



Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Elementary Education, English, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government Business Leadership), Humanities, Mathematics, Missions, Music, and Secretarial Science.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A — Excellent—four quality points for each semester hour.
- B — Good—three quality points for each semester hour.
- C — Average—two quality points for each semester hour.
- D — Poor—one quality point for each semester hour.
- S — Satisfactory—not computed in grade point average.
- F — Unsatisfactory—no quality points.
- U — Unsatisfactory—no quality points.
- W — Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (Reading, Writing, Mathematics, and Study Skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency. (See *Learning Skills*).

All graduating seniors are required to take the Undergraduate Record Exam available in the spring. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area. (See *Education Area*). No fees are required.

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., Occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all such work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.333. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward his academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College. (See page 19.)

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8; and seniors, a 2.0.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, freshman, sophomore, junior, and senior, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College, Johnson Bible College, Mayland Technical College, Minnesota Bible College, San Jose Bible College, or Wytheville Community College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University and the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only 10 members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning, Milligan College, Tennessee 37682.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, E.T.S.U. awards the degree.

OFF-CAMPUS CENTERS

The College has Off-Campus Centers in West Lafayette, Indiana and Indianapolis, Indiana. These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas. The Director is Mr. Paul Blowers who is located in Indianapolis.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. **The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspect of the office such as budgeting rather than serve as a general review. Two semester hours.
361. **Domestic Politics**—The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours.
370. **International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours.

ECONOMICS

360. **The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours.

FIELD WORK

491. **Field Work**—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean.

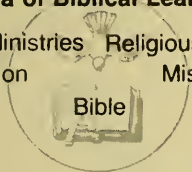
AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas or disciplines as follows:

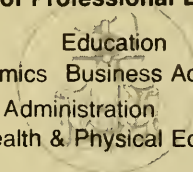
Area of Biblical Learning

Christian Ministries Religion
Religious Education Missions



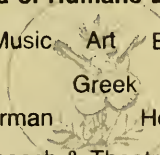
Area of Professional Learning

Education
Economics Business Administration
Office Administration Accounting
Health & Physical Education



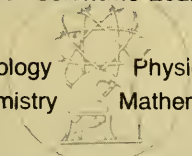
Area of Humane Learning

Music Art English
French Greek Spanish
German Hebrew
Humanities Speech & Theatre Arts Philosophy



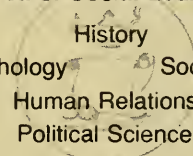
Area of Scientific Learning

Biology Physics
Chemistry Mathematics



Area of Social Learning

History
Psychology Sociology
Human Relations
Political Science



THE LEARNING SKILLS LABORATORIES

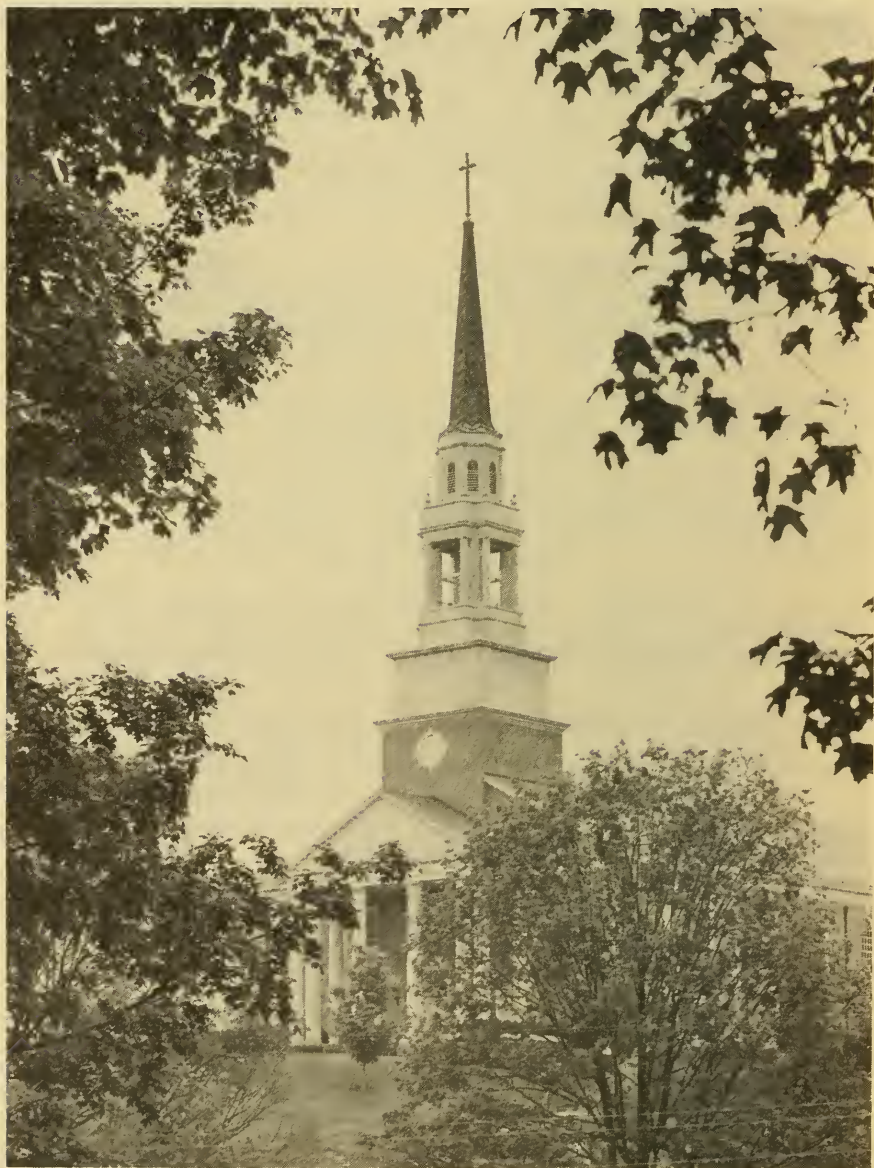
Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, Reading, and Study will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

- Learning Skills 090 Mathematics—see Mathematics 090
- Learning Skills 091 Reading—see Humanities 091
- Learning Skills 092 Study Skills—see Psychology 092
- Learning Skills 093 Writing—see Humanities 093

Area of Biblical Learning



Dr. Henry Webb, Chairman



BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 431-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, 6 hours of Advanced Old Testament, and 6 hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
261. **Biblical Faith and Contemporary Culture**—A study of the relationships between Biblical faith and contemporary Western Culture with special refer-

ence to the particular interests and areas of study of those taking the course. Available at Purdue Center only. Three semester hours.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
- 321. Later Pauline Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. Church History (See History 341-342).

431-432. Reformation of the Nineteenth Century (See History 431-432).

RELIGIOUS EDUCATION/CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan college.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

261. **Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
270. **Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
271. **History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. **Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. **Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
304. **Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
317. **Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
318. **Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.
452. **Pastoral Counseling** (See Psychology 452).
477. **Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

275. **Contemporary Challenges to Christianity**—An examination into the nature of faith, the types of faith operative in contemporary society, and types of life-styles that derive their basis in these faith-systems. The relationship between faith and knowledge is analyzed critically. Prevailing faith-systems are compared with Christianity. Available at Purdue Center only. Three semester hours.
350. **Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
351. **Philosophy of Religion** (See Philosophy 351).
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in mission situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of Biblical learning, since our understanding of the universe and our own places in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 275-276 Homiletics	4 hours
Christian Ministries 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, music, and humanities. A minor can be taken in French, German, English, Greek, philosophy, music, and theatre arts.



ART

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Fundamentals of Art**—An introductory study of the elements of art including subject, color, line, medium, organization, and style. Two semester hours.
- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

- 211. Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
- 311. Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Offered alternate years. Three semester hours.
- 312. Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
- 313. History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.

354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
375. **Philosophy in Literature**—(See Philosophy 375).
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Offered alternate years. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.



Summer Humanities Tour of Europe

- 460. Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
- 461. Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent work for senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 311 and 18 hours beyond the elementary level of a foreign language.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

331-332. Advanced Greek Readings—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

111-112. Elementary Spanish—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Spanish—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

311. Survey of Spanish Literature—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. Reading Laboratory—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. One semester hour.

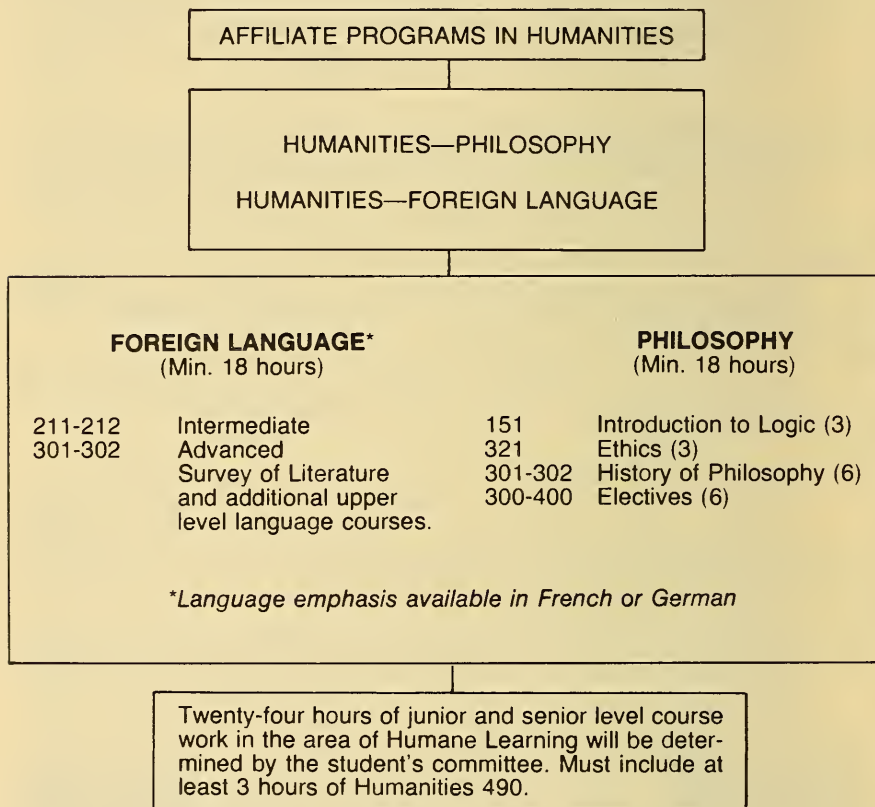
- 093. Writing Laboratory**—A course providing extra instruction to freshman students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.
- 101-102. Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the eighteenth century, taking an integrated approach to learning. Six semester hours each semester.
- 200. Humanities European Study Tour**—A study tour of 12 European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 201-202. Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century as well as the anxiety and despair manifested in the twentieth century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.





MUSIC

The purpose of the Music Program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the college at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 221, 222, 451, 452, Psychology 404, Education 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 399) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of five semesters. (Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed.)

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

143-144. Basic Music Theory—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. Basic Ear Training—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.

221-222. Instrumental Methods—Basic performing, teaching, and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.

243-244. Advanced Music Theory—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

245-246. Advanced Ear Training—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.

301. Understanding Music—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.

351. Music in the Elementary School—Teaching music in the classroom kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.

363. Basic Conducting—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.

364. Advanced Conducting—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

381-382. Music History and Literature—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

385-386. Form and Analysis—A study of major forms of music. Two semester hours each semester.

451. Methods and Materials for Elementary Music—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.

452. Methods and Materials for Secondary Music—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.

- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Comprehensive Evaluations

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study. See Music Handbook for details.
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study. See Music Handbook for details.
- 399. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major or minor will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 101. Piano Class**—Rudiments of piano, for students with no prior training. One semester hour.
- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. Organ for Majors**—Individual instruction with a concentration of music for the church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
- 160. Organ for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. Instrumental Instruction**—Individual instruction in orchestral instruments. One or two semester hours each semester.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 120. Jubilation Corporation**—A mixed ensemble of approximately 20 voices and 8 instrumentalists performing a repertoire of American pop and contemporary sacred music. Vocalists are selected on the basis of vocal technique, choreographic skills, and stage presence. Five hours rehearsal per week. One semester hour.
- 131A, 132A-431A, 432A. Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 131B, 132B-431B, 432B. Women's Chorus**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 135, 136-435, 436. Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.



Concert Choir

Instrumental

- 103. Chamber Ensembles**—A series of small instrumental combinations for the study and performance of the literature of each ensemble. Three rehearsals per week. One semester hour.
- 103A. Brass Ensembles**—Brass quintets, trios, and brass choir.
- 103B. Woodwind Ensemble**—Woodwind quintets and woodwind choir.
- 106, 107. Band**—Instrumental ensemble studying and performing wind ensemble literature of the Baroque and Classical periods, as well as nineteenth and twentieth century band compositions. Three rehearsals per week. One semester hour each semester.
- 108. Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one half hours. One semester hour.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401. Three hours of Humanities 202 may be applied toward the philosophy minor.

- 151. Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 303. History of Philosophy (Contemporary)**—A survey of twentieth century philosophy to Wittgenstein and Sartre. Three semester hours.
- 321. Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
- 331. Aesthetics**—A study of the philosophical problems concerning beauty. Questions considered include: Are there objective standards of beauty? Are aesthetic propositions meaningful? Three semester hours.
- 350. Comparative Religions** (See Religion 350)
- 351. Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.

- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
- 275. Homiletics**—(See Christian Ministries 275).
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.

Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

- 151. Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
- 340. Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Acting**—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
- 342. Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 490. Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
- 491. Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Professional Learning



Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen

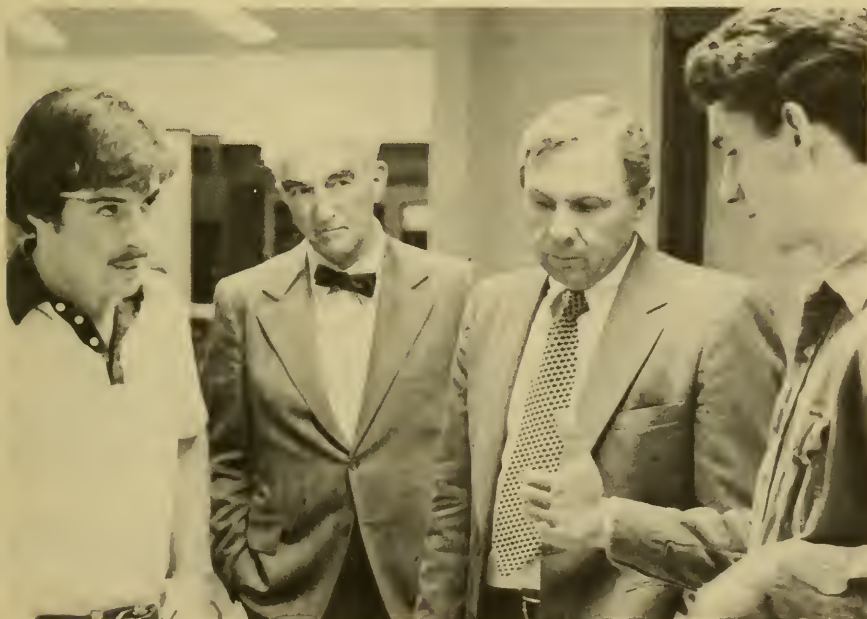
The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, health and physical education, office administration, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (Controllorship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of 33 semester hours which must include Economics 201-202, Accounting 211-212, Accounting



301-302, Accounting 311 or 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of 24 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

- 211-212. Introductory Accounting**—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.
- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 311. Cost Accounting**—A study of the use of accounting information for managerial decision purposes, with emphasis on the role of the Controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.
- 315. Not-For-Profit Accounting**—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 415. Advanced Accounting: Theory**—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.
- 416. Advanced Accounting: Problems**—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 401. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours including Accounting 211-212; Economics 201-202, 301, 451; and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours including Accounting 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching his career objectives. One semester hour.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.

- 421. Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 304. Government and Business**—(See Political Science 304).
- 311. History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
- 401. Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the coun-

tries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

- A four-year Bachelor degree program with a major in Office Administration.
- A two-year Associate in Science degree program with a major in Secretarial Services.
- A two-year Secretarial Services Certificate program.

Bachelor Degree

Students may work toward the Bachelor of Science degree with a major in Office Administration, or, by taking a foreign language through the intermediate year, may work toward a Bachelor of Arts degree with a major in Office Administration.

Office Administration majors must complete 35 semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 480. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and either Business Administration 321 or Math 108 as well as the required education courses.

Associate Degree

The Associate in Science degree in Office Administration is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 155; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity courses; and three hours of electives in Office Administration courses.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 155; Office Administration 131-132*, 143-144*, 231-232, 331, 351, 352, 470, 472, and 475; two hours of physical education activity courses; and twenty hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

- 131. Basic Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
- 132. Business Typing**—Format and typing of personal correspondence, business correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 Gross Words Per Minute typing speed. Two semester hours.

- 143-144. Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Three semester hours each semester.
- 352. Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. A study of the differences between persuasion and conciliation, between the delivery of bad news and the delivery of good, between memos that must effectively request and those that must effectively demand. Two semester hours.
- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to record management. Machine coding systems including the punched-card system, the KWIC Retrieval System and coding to the computer system are studied. Two semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Office Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 241-242 and 243-244. Three semester hours.
- 475. Word Processing**—A study of the current state-of-the-art word processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with selected word-processing techniques. Prerequisite: Office Administration 132. Two semester hours.
- 480. Office Automation**—A study of the use of computers in office administration and administrative services. Emphasis is placed on the management aspects of office automation, including word-processing, information retrieval, graphics preparation, time management, financial controls and employee information systems. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Milligan's education students do their student teaching in the public schools.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application through the Director of Teacher Education. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.0 and have completed Psychology 252 with a grade of "C." In addition to applying for admission, the student will be required to take a battery of tests which will be administered by the College Director of Testing. This test battery includes a personality evaluation and selected tests from the California Achievement Test which are now required by the Tennessee Department of Education. Test administration will be scheduled during the registration week each semester. Final approval will be given by the committee on admissions in the education program. Since this approval is a necessary prerequisite to enrolling in education classes, students should be admitted at least by the end of the sophomore year.

A student must be recommended by the faculty in his major field and have a 2.25 grade point average to be admitted to the education semester.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation. Milligan is accredited by the National Council for the Accreditation of Teacher Education.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Special Arrangements of Education Courses

Elementary Education students should plan to take in a block arrangement three courses: Education 315, Introduction to Reading; Education 316, Teaching of Reading; and English 354, Children's Literature. A five-day-a-week, three-hour time period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical arrangement with a child with reading problems, and a period of time to work with a reading group in the public school.

The elementary education semester includes Education 230, Exceptional Children in the Public School (if the student has taken Education 231, this course is not required); Biology 350, Science for the Grades; Education 412, Materials and Methods of Elementary; and Education 421, Directed Teaching. The secondary education semester includes Education 230, Exceptional Children in the Public School; Psychology 404, Educational Psychology; Education 472, Materials and

Methods; and Education 461 or 481, Directed Teaching. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in Elementary Education is designed for those desiring a career as an elementary school teacher. The general education requirements for this major includes: Bible 123, 124, 471; Humanities 101, 102, 201, 202; Psychology 155, 252; Biology 110; Physics 103; Sociology 201, 303; and 2 hours of physical education activities.

The Elementary Education major consists of Math 103, 104, 105; Speech 121; H&PE 203, 208, 311 (1 hour), 411; Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 407, 412, 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education: The *Biblical Studies* concentration consists of Bible 201, 202; 6 hours of advanced Old Testament; and 6 hours of electives in Old and New Testament. The *Social Studies* concentration consists of Political Science 311 and 15 hours of electives in economics, sociology, political science, and history. The *Mathematics* concentration consists of Math 111, 112, 201, 214, 215 and 3 additional hours of mathematics electives. The *Science* concentration has two options: Track I consists of Biology 120, 140, 360 and four additional hours selected from Chemistry 150, 251 or Physics 201. Track II of the Science concentration consists of Chemistry 103, 104; Biology 360; and an elective chosen from Biology 250 or 210. The *Foreign Language* concentration consists of English 312 and 18 hours beyond the elementary level of a foreign language. The *Language Arts* concentration consists of English 311, 402; Speech 121 or 340; and 12 hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: H&PE 411 or Sociology 303 and one hour of physical education activity; Math 103; and 24 hours of professional education which must include Education 230, Education 407; Education 471; Education 472; Education 481; Psychology 252; and Psychology 404.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 103 to their general education program. Music students should add, in addition to Mathematics 103, four hours of health and physical education to their general education program.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231; Education 315; Education 316; Psychology 357 or Psychology 353; H&PE 406; Education 432; Education 433; Education 434; Education 435 (6 hours); and Psychology 454.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

230. **Exceptional Children in the Public Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course also includes a discussion of the mainstreaming approach to reaching exceptional children. Two semester hours.
231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**—(See Psychology 252).
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehensive skills, and study skills. Three semester hours.
316. **Teaching of Reading**—A study of the objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.
404. **Educational Psychology**—(See Psychology 404).
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.

- 432. Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
- 433. Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
- 434. Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
- 435. Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
- 441. Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
- 442. Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
- 443. Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three semester hours.
- 461. Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
- 471. Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
- 472. Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
- 481. Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 490. Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 34 semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes Health and Physical Education 111, 211, 311, 411, Sociology 303, and Psychology 353 or 358.

111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racketball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.

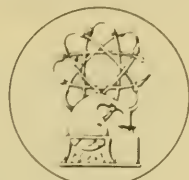
204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategy, designed to add in-depth understanding and preparation for coaching these sports at various levels. In addition to coverage of officiating the course includes coaching philosophies, coach-player-team-school relationships. One to six hours with choice of sports.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One or three semester hours.

312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning

Dr. Eddie Leach, Chairman



BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

Two special concentrations in Science are available only to those who are also majoring in Elementary Education. In addition to the science required of all students and the elementary education major, Track I consists of Biology 120, 140, 360, and four additional hours selected from Chemistry 150, 251, or Physics 201. Track II consists of Chemistry 103 and 104, Biology 360, and an elective selected from Biology 210 or 250.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

- 110. Human Biology**—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours.
- 120. Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
- 140. Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.

- 210. Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
- 215. Field Studies in Biology**—An analysis of selected biological problems and or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
- 220. Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
- 240. Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 241. Parasitology**—A survey of the more common parasites of man. It includes life histories, incidences, morphology, taxonomy, and control of parasitic helminths, protozoa, and the more important vectors of parasites. Prerequisite: Biology 140. Four semester hours.
- 250-251. Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 310. Biochemistry**—See Chemistry 310.
- 340. Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Offered alternate years. Four semester hours.
- 341. Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
- 342. Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
- 350. Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.
- 360. Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120 and 140. Four semester hours.
- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Offered alternate years. Four semester hours.

- 380. Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
- 440. Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

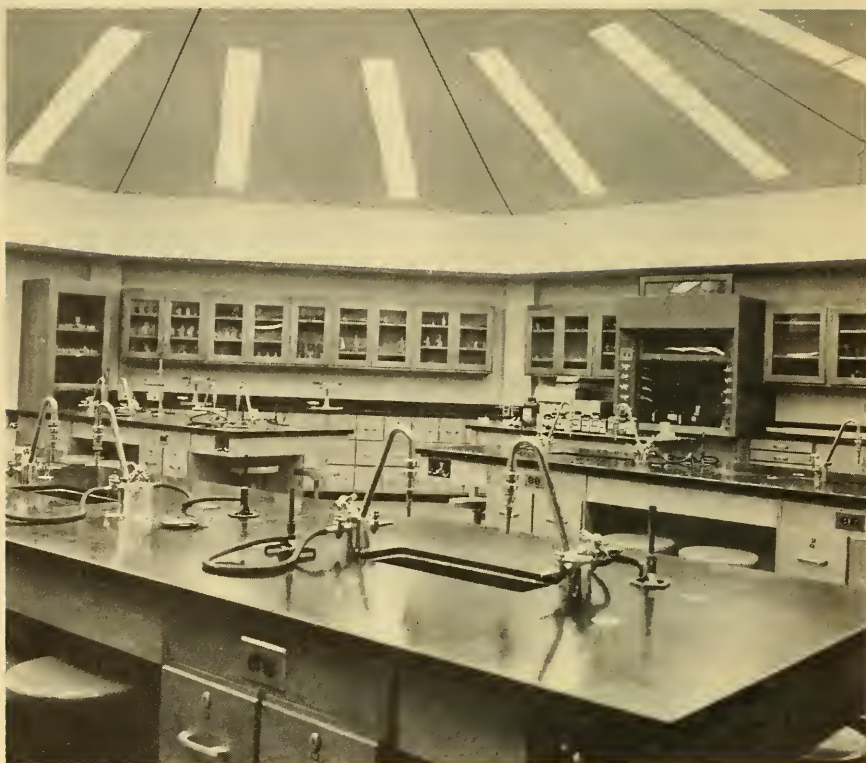
The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through Calculus 303; and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
- 150. Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester.



310. **Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria, colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester.
405. **Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in teaching, engineering, computer science, chemistry, and business.

A major in mathematics shall consist of thirty semester hours which must include Math 211, 212, 303, and 18 additional hours of math courses numbered above 200. Especially recommended for all math majors are Math 201, 214, 305, 307, and 308. An exception to this requirement exists when a student completes a double major in an area (such as biology or chemistry) complementary to mathematics. In this instance Math 111 and 112 may be included among the 18 hours of required math courses beyond calculus.

A minor shall require twenty-four semester hours which must include Math 111, 112, 211, and 212. Math 111-112 will be waived with possible credit for students who exhibit adequate proficiency.

A special concentration in Mathematics is available only to those who are also majoring in Elementary Education. In addition to the Mathematics required in the Elementary Education major, the concentration includes Math 111, 112, 201, 214, 215, and 3 hours of electives in Mathematics.

- 090. Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.
- 101. Introduction to Computer Processing**—A survey of both the technical areas of computer processing and the user oriented common applications of modern computer systems. The course also addresses some of the social and environmental problems surrounding the current explosive growth of computer usage today. Three semester hours.
- 103. Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. Three semester hours.
- 104. Fundamental Concepts**—An introductory study of logic, probability, statistics and elementary algebra, together with appropriate teaching strategies for each of these. Three semester hours.
- 105. Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. Two semester hours.
- 108. Mathematics of Finance**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation, and capitalization. For business majors and teacher certification only. Three semester hours.
- 111. Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.

112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
121. **Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Three semester hours.
204. **Basic Programming Language**—Standard and extended features of the Basic language, with applications in business, science, and the social sciences. Laboratory use of a computer is an integral part of the course. Two semester hours.
205. **Fortran Programming Language**—A study of the Fortran computer language and its applications in the sciences. Laboratory use of a computer is an integral part of the course. Two semester hours.
206. **COBOL Programming Language**—A study of programming techniques appropriate to the preparation of business oriented computer systems using the COBOL (COMmon Business Oriented Language) programming language. It also covers program design standards and program modularity, as well as debugging and testing techniques. Three semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration the conics, Taylor's formula and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
214. **Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Recommended for math majors. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).

- 408. Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 303. Offered alternate years. Three semester years.
- 411. Introduction to Analysis**—A study of topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 303. Offered alternate years. Three semester hours.
- 415A, B, C. Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

- 103. Physical Science**—A study of basic concepts in physics, astronomy, and chemistry. Recommended for students with limited high school science and mathematics background. A working knowledge of algebra recommended. May not be used to satisfy the College's science requirement if Physical Science 104 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 104. Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. May not be used to satisfy the College's science requirement if Physical Science 103 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 201-202. General Physics**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Algebra and trigonometry required. Calculus recommended. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in Social Studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major the concentration includes Political Science 311 and 15 hours of electives in Economics, Sociology, Political Science, and History.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

- 271. History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



- 301. History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors. One semester hour.
- 306. Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
- 311. History of Economic Thought**—(See Economics 311).
- 312. Economic History of the United States**—(See Economics 312).
- 321. History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
- 361-362. History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
- 371. American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
- 376. Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
- 381. The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 421. History of the Ancient Near East**—A study of the history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.

- 422. Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
- 424. Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. Reformation of the Nineteenth Century**—A study of the background issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 445. Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
- 446. Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, and government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 30 hours plus 12 hours of a foreign language. A major in human relations requires a core program of 9 to 12 hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

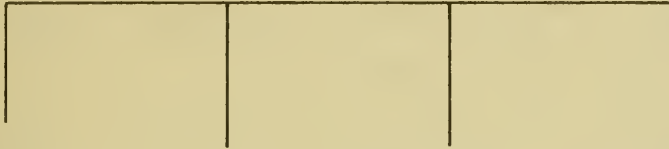
Sociology 201 (3 hours) Psychology 250 (3 hours)
 Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies*	Track Four: Youth Leadership	Track Five: Government/Business Leadership
Required Courses: (6 hrs.) Psy. 259 Psy. 353 Electives: (15-21 hrs.) To be chosen with written approval of Track Chairman to meet student's educational objectives (i.e., teaching, psychiatry, mental health, business, law, research, community planning, parenthood, etc. Cf. Track-brochure)	Required Courses: (9 hrs.) Soc. 210 Soc. 401 Soc. 451 Suggested Electives: Soc. 311 Math. 214 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 413 Soc. 414 Soc. 421 Soc. 426 Soc. 456 Soc. 456 Soc. 461 Soc. 490 Soc. 491	Required Courses: (15 hrs.) Soc. 311 Soc. 403 Soc. 451 Soc. 491 (6 hrs.) Suggested Electives: Psy. 252 Psy. 352 Psy. 353 Psy. 401 Soc. 458 Soc. 210 Soc. 312 Soc. 411 Soc. 413 Soc. 416 Soc. 490 Soc. 491	Required Courses: (12-14 hrs.) H&PE 409 Psy. 357 R.E. 317 H&PE 491 (4-6) Suggested Electives: Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 Soc. 426 H&PE 111 H&PE 203 H&PE 206 H&PE 300 H&PE 301 H&PE 302	Required Courses: (21 hrs.) Pol. Sci. 203 B. Adm. 361 B. Adm. 363 Econ. 201 Econ. 202 Pol. Sci. 304 or 311 Pol. Sci. 491 or B. Adm. 491 Suggested Electives: Other Accounting, B. Adm., Computer and Econ. courses Other Pol. Sci. courses Psy 353 Soc. 426

*For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.



**Track One:
Psychology**

**Required
Courses:** (15 hrs.)

Psy. 250
Psy. 259
Psy. 350
Psy. 353
Soc. 201

**Recommended
Electives:** (3 hrs.)

Math 214
Psy. 252
Psy. 357
Psy. 358
Soc. 303
Soc. 426
To be chosen
with written
approval of
Track Chairman

**Other Possible
Electives:**

Any other Psy.
course
Soc. 210
Soc. 360
Soc. 414

**Track Two:
Sociology and
Anthropology**

**Required
Courses:** (15 hrs.)

Psy. 250
Soc. 201
Soc. 210
Soc. 303
Soc. 451

**Recommended
Electives:** (3 hrs.)

Math 214
Psy. 350
Soc. 311
Soc. 314
Soc. 401
Soc. 426

**Other Possible
Electives:**

Any other Soc.
course

**Track Three:
Social Agencies**

**Required
Courses:** (15 hrs.)

Soc. 201
Soc. 303
Soc. 311
Soc. 403
Psy. 250

**Recommended
Electives:** (3 hrs.)

Pol. Sci. 304
Psy. 350
Psy. 352
Psy. 353
Psy. 458

**Other Possible
Electives:**

B. Adm. 361
B. Adm. 363
B. Adm. 401
B. Adm. 402
Econ. 201-202
Psy. 401
Any other Soc.
course

**Track Four:
Youth Leadership**

**Required
Courses:** (17 hrs.)

H&PE 409
Psy. 250
Psy. 357
R.E. 317
Soc. 201
Soc. 303

**Recommended
Electives:** (1 hr.)

H&PE 111
H&PE 203, 300,
or 301
Psy. 252
Psy. 353
R.E. 261
R.E. 318
Psy./Soc. 491
Soc. 311
Soc. 426

**Other Possible
Electives:**

Psy. 358
Psy. 404
Psy. 405
Psy. 458
R.E. 304
R.E. 308
Any other Soc.
course



POLITICAL SCIENCE

The political science minor is designed for those who wish to study law or prepare for government service or secondary school teaching. Students desiring a major should examine the Human Relations Track V although the political science minor may not be taken with this major because of similar requirements. The Track V major may be elected with a major or a minor in another field such as history or business administration and economics. The political science minor consists of eighteen hours which include 203, 304, 311, and 402 or 403, plus six hours of electives.

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
- 402. Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing very rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

Early in the student's career at Milligan, preferably by the end of the first year, the Psychology major (Human Relations, Track One) must fill out a *Degree Plan Sheet* with the Track Chairman. This will be done in triplicate. All copies are to be signed by the student and the Chairman. The student will keep one for future reference, and the others will be filed with the Registrar and Track Chairman. If later the student wishes to change the Degree Plan, he must arrange this revision with the Track Chairman.

- 092. Study Skills Laboratory**—A direct and practical approach to study skills (i.e., study methods, library skills, outlining), individualized to the needs of the student. One semester hour.
- 155. The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
- 250. General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
- 252. Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in psychology. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three or four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality; learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358, Abnormal Psychology, as a required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.
- 357. Introduction to the Theory and Practice of Counseling**—A course designed for students to learn about counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.



Inauguration of President Marshall J. Leggett

401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.

- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
- 454. Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving communication with other disciplines. One to three semester hours.
- 459. Psychology of Christian Consciousness**—A study of "the mind of Christ," from Moses to the present day. If Christ be the definitive human and psychology be the scientific study of human mental life, then the scientific study of the mental life of Christ is the only definitive humanistic psychology. Voegelin, Jaspers, W. Thompson, and Julian Jaynes are contemporary scholars whose work is basic to the course. Three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and applications of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser or a member of the sociology faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan his curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

- 201. Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
- 350. Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
- 360. Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
- 401. Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
- 403. Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
- 413. Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
- 414. Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
- 421. Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
- 426. Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.

451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY



President Marshall J. Leggett

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisors, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the college.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January, 1982

Robert H. Alexander, Minister, Agoura Hills Christian Church, Agoura, California
Charles E. Allen, Physician, Johnson City, Tennessee
Robert E. Banks, Attorney, Elizabethton, Tennessee
Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana
Theodore Cord, Minister, Fort Worth, Texas
John Davis, Executive, Delta Airlines, East Point, Georgia
Henry Gruenberg, Retired, North Miami, Florida
Harry Guion, Retired, Indianapolis, Indiana
John Hart, Retired, Johnson City, Tennessee
Howard Hauser, President, Brown and Hauser Auto Sales, Corning, New York
Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky
Steve Lacy, Business Executive, Johnson City, Tennessee
Leslie L. Lumsden, Retired, Punta Gorda, Florida, and Elizabethton, Tennessee
C. Howard McCorkle, Educational Consultant, Johnson City, Tennessee
Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee
James Magness, President, Forest Hill State Bank, Forest Hill, Maryland
Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee
Wade Patrick, Businessman, Johnson City, Tennessee
Mrs. B. D. Phillips, Educator and Church Woman, Johnson City, Tennessee
W. V. Ramsey, *Chairman*, Merchant, Mountain City, Tennessee
Goffery Salyer, Businessman, Elkhorn City, Kentucky
Donald Sams, Minister, Christian Church, High Point, North Carolina
Ralph Small, Vice President and Publisher, Standard Publishing Company, Cincinnati, Ohio
Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee
George O. Walker, Retired, Claremont, California
Lidy Wyatt, Hamilton Bank Executive, Johnson City, Tennessee
Harold Zimmerman, Retired, Indianapolis, Indiana

Trustees Emeriti

Samuel C. Bower, Physician, Mill Hall, Pennsylvania
Jack Covington, Contractor, Winston-Salem, North Carolina
Jordan Crouch, Executive, Nevada Bankers Association, Reno, Nevada
W. H. MacDonald, Retired, Johnson City, Tennessee
Jack R. Musick, Circuit Court Judge, Elizabethton, Tennessee
John U. Phelps, Minister, Clemmons, North Carolina
Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

The Advisers, January, 1982

Sylvan Amstutz, Businessman, Orville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
Harold E. Armstrong, Minister, First Christian Church, Columbus, Indiana
John Banks, Attorney, Elizabethton, Tennessee
Ralph Edward Barker, Bristol, Tennessee
James Barton, Minister, First Christian Church, Nashville, Tennessee
Phil Blowers, Attorney, Indianapolis, Indiana
David H. Boggs, Businessman, Davidsonville, Maryland
David F. Bolton, Minister, Elkhorn City Church of Christ, Elkhorn City, Kentucky
David A. Brady, Associate Minister, Emmanuel Christian Church, Massillon, Ohio
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
Ralph S. Carter, Minister, Cherry Avenue Christian Church, Charlottesville, Virginia
William E. Clem, Businessman, Lexington, Kentucky
Norman W. Conner, Minister, First Christian Church, Santa Ana, California
Richard Crabtree, Minister, First Christian Church, Canton, Ohio
Horace Dabney, Businessman, Louisville, Kentucky
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Harold J. DeVault, Businessman, Concord, Tennessee
D. E. DeTraz, Businessman, Tarpon Springs, Florida
Jeffery Douds, Student, Emmanuel School of Religion, Johnson City, Tennessee
Robert Elliott, Assistant Superintendent of Schools, Kingsport, Tennessee
James L. Evans, Minister, Westside Christian Church, East Point, Georgia
Shelburne Ferguson, Attorney, Kingsport, Tennessee
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis, Indiana
Joseph Harper, Businessman, Ironton, Ohio
Fred I. Head, U.S. Government Office of Economic Opportunity, Peachtree City, Georgia
Frank Heiling, Retired, Dallas, Texas
Max R. Hickerson, Minister, Spring Branch Christian Church, Houston, Texas
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert L. Huckstep, Businessman, Charlottesville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
L. N. Humphreys, Jr., Businessman, Greeneville, Tennessee
E. P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Mrs. Sue Kettelson, Church Woman, Dayton, Ohio
Robert Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
John Lecky, Associate Minister, Mountain Christian Church, Joppa, Maryland
Kent E. McQuiston, Accountant, Indianapolis, Indiana
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, Christian Church, Cambridge City, Indiana
John Mills, Minister, First Church of Christ, Painesville, Ohio
James Mitchum, Financial Analyst, Eli Lilly & Co., Indianapolis, Indiana
John Newman, Businessman, Louisville, Kentucky
William Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Mrs. Ann O'Connell, Businesswoman, Las Vegas, Nevada
Wayne K. Orr, Engineer, Allison Division, General Motors, Indianapolis, Indiana
John Orth, Physician, Joppa, Maryland
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Gary D. Porter, Administrator, Wooster, Ohio

David Pugh, Teacher, Indianapolis, Indiana
Henry Richardson, Businessman, Havre de Grace, Maryland
Robert Robinson, Insurance Executive, Indianapolis, Indiana
Tim Ross, Assistant Minister, Christian Church, Cambridge City, Indiana
John C. Samples, Minister, Greenwood, Indiana
John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
Mrs. Ruth Settles, Retired, Louisville, Kentucky
Allen Sharp, United States District Court Judge, South Bend, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee
Ronald Spotts, Businessman, Beechcreek, Pennsylvania
Loren T. Stuckenbruck, Youth Minister, Indianapolis, Indiana
Max Stucker, Accountant, Chicago, Illinois
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City,
Tennessee
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia
Thomas Tatham, Attorney, Miami, Florida
Robert A. Walther, Minister, Perry Christian Church, Canton, Ohio
David W. Wantz, Police Training Director, Plainfield, Indiana
David Wead, Minister, Boones Creek, Tennessee
Mark H. Webb, Dentist, Kingsport, Tennessee
Paula Welshimer, First Christian Church, Winston-Salem, North Carolina
John J. Wiggins, Businessman, Plainfield, Indiana
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Ron Zimmerman, Executive, Allison Division, General Motors, Indianapolis,
Indiana



FACULTY AND ADMINISTRATION 1981-82

JESS. W. JOHNSON, Chancellor (1966)
B.Th., Northwest Christian College, B.D., Christian Theological Seminary; D.D., Milligan College; University of Oregon; Butler University; Union Theological Seminary; LaSalle University.

DEAN EVEREST WALKER, Chancellor, (1950)
B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

MARSHALL J. LEGGETT, President (1982)
B.A., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

EUGENE H. WIGGINTON, Executive Vice-President and Director of Development (1971)
B.A., Cincinnati Bible Seminary; Bellarmine College; East Tennessee State University.

KENNETH W. OOSTING, Academic Dean (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion.

BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Dean of Students (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

ROY H. SOMMER, Business Manager (1981)
B.S.Ed., Chicago Teachers College; M.A., M.B.A., University of Chicago; Chicago State University; Northern Illinois University.

Administration

PAUL BADER, Director of Financial Aid and Student Union Building Manager (1976)
B.S., Milligan College; St. Louis Christian College.

RON EVERSOLE, Director of Church Relations (1981)
B.A., Cincinnati Bible Seminary.

PHYLLIS DAMPIER FONTAINE, Registrar and Director of Admissions (1963)
B.S., M.A., East Tennessee State University; Milligan College.

JOE P. McCORMICK, Assistant to the President (1956)
B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)
A.B., University of Georgia, M.L.S., University of Oklahoma; Georgia Institute of Technology.

MARK RICHARDSON, Director of Student Enlistment, Alumni and Communications (1980)
B.A., Milligan College.

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

ORVEL C. CROWDER, Chairman, Area of Social Learning and Professor of Psychology and Bible (1957)
B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University; D.D., Atlanta Christian College; University of Tennessee.

- CHARLES W. GEE, Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)
B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- JOHN L. MORRISON, Professor of Education (1968)
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University; Cambridge University.
- KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado.
- RICHARD PHILLIPS, Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Tennessee.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- JAMES L. SHIELDS, Professor of Education and Director of Student Teaching (1959)
B.Sc.in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

Associate Professors

- PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)
B.S., M.A., East Tennessee State University; University of Tennessee.
- JEANNETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

- JOHN DOWD, Associate Professor of Music (1963-67, 1969)
B.M., M.M., New England Conservatory of Music; Ph.D., University of West Virginia; Boston University; University of Tampa.
- ROBERT B. HALL, Associate Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- JUANITA JONES, Associate Professor of English (1968)
B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.
- JACK L. KNOWLES, Associate Professor of English (1970)
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)
B.A., University of Wisconsin; Ph.D., Iowa State University.
- EDWIN S. NELSON, Associate Professor of Bible (1974)
B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th., Gordon Conwell Theological Seminary; Colorado State College; Harding Graduate School of Religion; Boston University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX, Associate Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- EUEL J. OWNBY, Associate Professor of Education (1961)
B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University of Tennessee.
- IRA READ, Associate Professor of History (1967)
B.A., Milligan College; M.A., Ph.D., Emory University.
- BILL W. RHOADES, Associate Professor of Business Administration (1979)
B.S., University of Missouri, Certified Public Accountant.
- DAVID C. RUNNER, Associate Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.
- B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)
B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D., East Tennessee State University.
- EARL STUCKENBRUCK, Associate Professor of Bible and Joel O. and Mabel Stephens Professor of Bible (1951-52, 1968)
B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.
- GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- PHILLIP A. WORRELL, Associate Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

Assistant Professors

- SUE ABEGGLEN, Assistant Professor of Education (1977)
A.B., Lincoln Christian College; B.S., M.S., Indiana University; Memphis State University.

BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Director of Student Life (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

ANNA MAY CROWDER, Assistant Professor of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.

DOUGLAS PAUL GROSS, Assistant Professor of Music (1981)
B.A., Milligan College; M.A., Indiana University.

SUSAN GAYLE HIGGINS, Assistant Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.

JANICE F. HUANG, Assistant Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

BILLIE B. OAKES, Assistant Professor of Library (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

CAROLYN WOOLARD, Assistant Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; University of Strasbourg.

Support Personnel

Julie Alexander, Student Enlistment Officer
Glenn R. Davis, Controller
Buford Deaton, Director of Encounter Ministries
Chuck King, Director of Buildings and Grounds
Opal Lyons, L.P.N., Campus Nurse
Steve Marshall, Student Enlistment Officer
W. Benjamin Winn, Director of Food Services

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University; University of Glasgow.

HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D. Min., Vanderbilt University.

W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball University; College of the Bible.

IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.

JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas (P.I.); George Washington University; Western Reserve University.

LONE L. SISK, Professor Emeritus of Chemistry (1948)

B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.

HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)

B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.

C. ROBERT WETZEL, Professor at Large (1961)

B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

NEW FACULTY

The following will be joining the faculty for the 1982-83 year:

TIM DILLON, Assistant Professor of History

B.A., Milligan College; M.A., University of Wisconsin-Madison.

KEN DUNDAS, Associate Professor of Business Administration

B.A., University of New South Wales; M.A., University of New South Wales; M.B.A., University of Texas at Arlington.

W. DENNIS HELSABECK, JR., Associate Professor of Humanities and History

B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon.

ANN ILES, Assistant Professor Humanities and English

B.A., Lamar University; M.A., East Tennessee State University.

HUGH IMBODEN, Associate Professor of Mathematics

B.S., University of Missouri-Columbia; M.A., Emporia State University.

RON REED, Associate Professor of Health and Physical Education

A.B., Morehead State University; M.A., Morehead State University.

R. DAVID ROBERTS, Associate Professor of Bible

A.B., Milligan College; M.Div., Southern Baptist Theological Seminary; D.Min., Southern Baptist Theological Seminary.

BARBARA SEVIER, Assistant Professor of Humanities and Art

B.A., Towson State University; M.F.A., East Tennessee State University.

JAMES L. STREET, Assistant Professor of Psychology

A.B., Atlanta Christian College; M.Ed., University of Georgia; Ph.D., University of Georgia.

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund

The McWane Foundation Fund

The Waddy Trust Fund

The Johnson City Endowment Fund

The Corinna Smithson Cashman Fund

The Adam B. Crouch Memorial Fund

The Sarah Eleanor LaRue Hopwood Memorial Fund

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The Frank P. Walthour, Sr., Memorial Fund

The Robert A. Balderson Memorial Fund
The Thomas Wilkinson Memorial Fund
The E. E. Linthicum Memorial Fund
The Elizabethton Endowment Fund
The Ministerial Scholarship Fund of the Erwin Christian Church
The Milligan College Building and Endowment Fund
The McCowan Fund
The Perry L. Gould Memorial Fund
The L. G. Runk Endowment Fund
The Milligan Alumni Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Aylette Rains Van Hook Memorial Fund
The Mary Harvey Taber Memorial Fund
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The Florence Ley Walker Memorial Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Foundation
The Barbara Mains Memorial Fund
The Wiley Wilson Memorial Fund
The B. D. Phillips Fund
The Milligan College Cemetery Association
The George Iverson Baker Memorial Fund
The Anna Lucas Kennedy Fund
The Sam J. Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. and Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. Miller Memorial Fund
The Mary Hardin McCown Living Endowment Fund
The Dorothy S. Wilson Memorial Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The Clem Endowment Fund
The 1978 Class Fund
The John L. Kuhn Memorial Fund

The William E. Aexamethy Memorial Fund
The Aileen V. Ellis Memorial Fund
The Edna L. Hedges Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The Harry A. Smith Memorial Fund
The 1979 Class Fund
The 1980 Class Fund
The Roy G. True Memorial Fund
The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Roger Lance Wood Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Living Link Relationship

Christian churches which contribute significantly to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the college which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois—THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE—Professor Earl Stuckenbruck

Churches or individuals desiring information concerning these programs may write to the President of the College.

INDEX

Academic Information	26	Laboratory Fees	20
Accounting	53	Living-link Relationship	96
Administrative Officers	90	Majors and Minors	28
Admissions	18	Married Student Housing	7
Advance Deposit	21	Mathematics	71
Advanced Placement	18	Matriculation Fee	21
Advisers (Academic)	27	Medical and Law Students	30
Application Fee	21	Medical Technology	31
Applied Music	49	Memberships	Inside Front Cover
American Studies Program	32	Milligan Community	86
Area of Biblical Learning	34	Missions	38
Area of Humane Learning	39	Mortuary Science	31
Area of Professional Learning	53	Music	47
Area of Scientific Learning	67	National Teacher Examinations	60
Area of Social Learning	74	Nature of the College	2
Areas of Instruction	33	Nursing	31
Art	40	Off Campus Centers	32
Athletics	12	Office Administration	57
Audit	19	Part-time Students	21
Automobiles	8	Payment of Accounts	21
Bible	35	Philosophy	51
Biology	67	Physics	73
Board	22	Political Science	80
Board of Advisers	88	Practice Room/Instrument Rent	21
Business and Economics	55	Probation	29
Business Administration	55	Procedures	17
Calendar	Back Cover	Professional Organizations	11
Campus	13	Psychology	80
Ceremony of Matriculation	20	Publications	11
Certification	60	Recreational Organizations	11
Character of the College	4	Refunds	22
Chemistry	69	Religion	36
Christian Ministries	36	Religious Education	37
Church Music	48	Religious Life	9
Classification	29	Reports	29
Class Attendance	27	Representative Organizations	10
Conduct	7	Required Courses	26
Convocations	26	Requirements for a Degree	26
Cooperative Programs	30	Residence	7
Correspondence Credit	29	Returning Students	19
Dormitories	8	R.O.T.C.	31
Early Childhood Education	62	Scholarships	24
Economics	56	Secondary Education	61
Education	59	Secretarial Science	(see Office Administration)
Elementary Education	61	Social Activities	8
Endowed Chairs	96	Sociology/Anthropology	83
Endowment Funds	94	Spanish	44
Engineering	30	Special Education	62
English	40	Special Students	19
Expenses	20	Specific Objectives	6
Faculty	90	Speech	52
Fees	20	Staley Lectures	10
Financial Aid	22	Student Life	7
Foreign Language	42	Student Teaching	60
Foreign Students	19	Studies Abroad	32
French	42	Testing Services	28
G. I. Bill	25	Textbooks	22
German	43	Theatre Arts	52
Grade Point Average	28	Transcripts	30
Greek, Hebrew	43, 44	Transfer Students	18
Health	9	Trustees	86
Health and Physical Education	64	Tuition	20
Heritage	3	Vocational Rehabilitation	25
History	74	War Orphans	25
Home Economics Education	31	Welshimer Lectures	10
Honors	28	Westwood Foundation	32
Human Relations	78	Withdrawal	30
Humanities	44		

MILLIGAN COLLEGE CALENDAR

Summer Session, 1982

Registration	June 14
First Term Classes	June 14 - July 14
Second Term Classes	July 15 - August 13

Fall Semester, 1982

Dorms Open to Freshmen and Transfers	August 21
Conference for Parents of Freshmen and Transfers	August 21
New Student Orientation	August 21-24
Faculty Conference	August 23
Dorms Open to Upperclassmen	August 23
Registration (Upperclassmen)	August 24
Registration (Freshmen and Transfers)	August 25
Classes Begin	August 26
Matriculation and Reception	August 27
Fall Break	5:00 p.m., October 13 to 8:00 a.m., October 19
Founder's Day	November 12-13
Thanksgiving Holidays	5:00 p.m., November 24 to 8:00 a.m., November 29
Last Day of Classes	December 13
Final Examinations	December 14-17

Spring Semester, 1983

New Student Orientation	January 10
Registration	January 11-12
Classes Begin	January 13
Spring Break	5:00 p.m., March 25 to 8:00 a.m., April 4
Awards Convocation	May 3
Last Day of Classes	May 6
Final Examinations	May 9-12
Baccalaureate and Commencement	May 15

Summer Session, 1983

Registration	June 13
First Term Classes	June 13 - July 13
Second Term Classes	July 14 - August 12

Fall Semester, 1983

Dorms Open to Freshmen	August 27
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Milligan College

CATALOG 1983-1984

MILLIGAN COLLEGE

Milligan College, Tennessee 37682

(615) 929-0116

TABLE OF CONTENTS

Nature of the College	2
Student Life	7
Campus	13
Procedures	17
Admissions	18
Fees/Expenses	20
Financial Aid	22
General Academic Information	26
Degree Requirements	26
Areas of Instruction	33
Area of Biblical Learning	34
Area of Humane Learning	39
Area of Professional Learning	53
Area of Scientific Learning	69
Area of Social Learning	76
The Milligan Community	89

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On The Cover: Karen Gwinn and Will Wingate seated in front of Derthick Hall.

Milligan College holds full membership in the following accrediting agencies and professional organizations:

American Association of Colleges for Teacher Education

Association of American Colleges

Association of Intercollegiate Athletics for Women

Association for Schools, Colleges, and University Staffing

College Placement Council

National Association of Intercollegiate Athletics

National Council for the Accreditation of Teacher Education

Southern Association of Colleges and Schools

Tennessee College Association

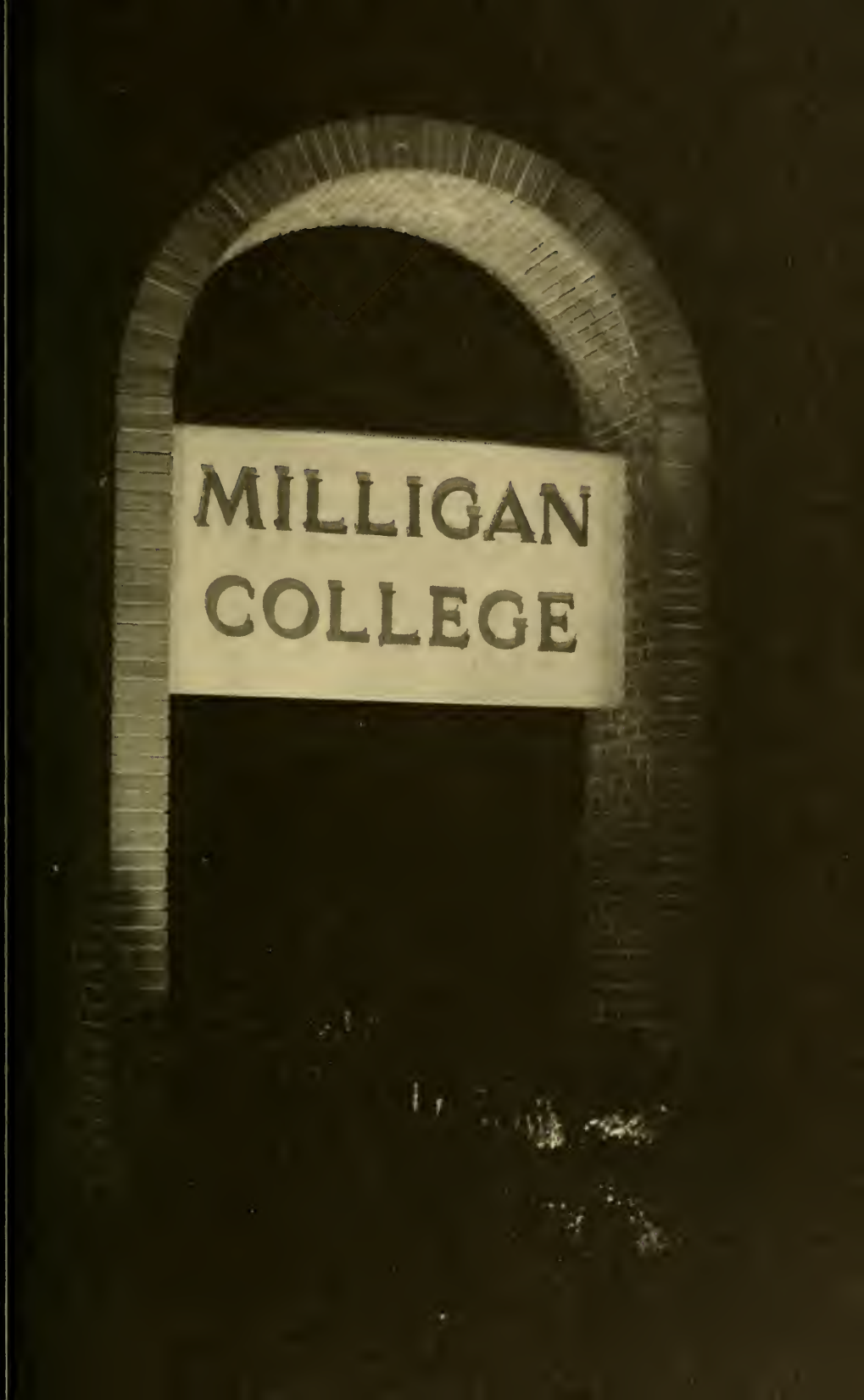
Tennessee College Women's Sports Federation

Tennessee Independent Colleges Fund

Tennessee Intercollegiate Athletic Conference

Volunteer State Athletic Conference

Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.

A dark, arched entrance, possibly a tunnel or a covered walkway, with a sign in the center. The arch is constructed of brick or stone. The sign is white with black text.

**MILLIGAN
COLLEGE**

**NATURE
OF THE
COLLEGE**



HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Dertick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was

constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

On January 1, 1982 Marshall J. Leggett, the first alumna to be chosen for the position, became the 13th president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is



revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Dean of Students. The rooms are subject to spot checks by the Head Resident. The Head Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.



Wonderful Wednesday

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester will be charged.

Students who repeatedly violate the vehicular regulations will lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Student Government, assisted by the Dean of Students.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Head Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Head Resident is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Dean of Students is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Jubilation Corporation is a vocal and instrumental group which performs material of a more contemporary nature.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Campolo, Dr. Bruce M. Metzger, Dr. Carl F. H. Henry, and Dr. Dale Moody.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker	1972	Joseph H. Dampier
1959	Ard Hoven	1973	Mildred Welshimer Phillips
1961	R. M. Bell	1974	Milligan College Faculty
1963	James H. Jauncey	1975	Clarence Greenleaf
1964	J. D. Murch	1977	David Thompson
1966	Marshall Leggett	1978	Perry Gresham
1967	John Baird	1979	Mildred Welshimer Phillips
1968	James G. Van Buren	1980	Robert W. Burns



Heritage

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the yearbook of the College, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to club meetings to discuss topics related to their work.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in arranging movies, concerts, and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Political Science Club is interested in discussion of political issues, promoting political understanding, and exploring politically related careers.

The Library Buffs is an organization made up of the student workers of the library and any student interested in literature and the development of the library.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Delta Kappa is a women's organization designed to serve the campus and area children's homes. It is also responsible for the Blood Mobile drive on campus.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, soccer, and swimming (as a club).

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond, softball and soccer fields, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H. J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Dean of Students, the Registrar, the Director of Admissions, and the Director of Financial Aid.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named the Marguerite Fierbaugh Lawson Science Center in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and the Director of Communications and Alumni Affairs. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, and the Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and

CAMPUS BUILDINGS



Seeger Chapel



Little Hartland



*Marguerite Fierbaugh Lawson
Science Center*



Derthick Hall



P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. The building was renovated and modernized by Professor Owen Crouch in 1958 in memory of his father.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.



PROCEDURES



Matriculation 1982

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the International Baccalaureate as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0

system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean.
2. The Academic Dean will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

Special students are those students who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over 18 years of age who does not qualify for any of the above categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If he satisfies the entrance requirements in full within two years from the time of admission, he may then become a candidate for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credits earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is during the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$1799.00
Room	420.00
Board	<u>726.00</u>
TOTAL FOR ONE SEMESTER	\$2945.00
Tuition each academic hour over 17	\$ 106.00
A special fee schedule is charged for 1 to 11 hours.	
Additional fee for private room	\$ 210.00

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees — Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 471, 472	\$ 5.00
Science Laboratory Fee	15.00
Psychology 252	10.00
Psychology 259 (for four credit hours)	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301, 311	5.00
Art 305	10.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Music 221, 222	30.00
Reading Lab	5.00

Tuition Charges in Applied Music

One semester hour	\$45.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve his place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for single three hour course	53.00

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$250.00 for the year.

Board

The cost of Board is \$726.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of members of the immediate family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such a transfer must notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications should be submitted prior to April 1 for priority consideration. Awards are made on a year-to-year basis, and applications must be submitted each year.

A student must demonstrate satisfactory academic progress as outlined in the college catalog to receive Title IV student aid. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This program provides long-term loans with an annual interest rate of 4%. Payment period begins six months after the borrower terminates his enrollment.

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Milligan College Installment Loan—This loan is available to students to supplement their financial aid awards. The loan is included as part of the financial aid package. It is paid to the college at an announced interest rate over a 12 month period. Payment begins with the first month of enrollment.

Grants

Pell Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,800.00, and the average award is approximately \$800.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate financial need.

Supplemental Educational Opportunity Grant—The Supplemental Grant is a gift of money to help pay for education after high school. It does not have to be paid back. A student may receive up to \$2,000.00, depending on his need, the availability of SEOG funds at Milligan, and the amount of other aid received.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for each year of undergraduate study to \$12,500.00 aggregate for undergraduate education.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of parents' deaths. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships for Freshmen—All incoming freshmen students are eligible for this scholarship which is based on their ACT or SAT score. The amount of the scholarship will vary from full tuition to 10% of tuition based on the ACT or SAT score. This scholarship is automatic and no application is necessary.

Presidential Scholarships—These scholarships are awarded to incoming students on the basis of Christian character. To be considered students must be nominated by a minister, submit a Scholarship Application Form, and write an essay on "How I Intend To Live My Life For Christ." Awards are made in varying amounts with the top award being \$1,000.00 a year for four years of study.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is open to Sophomores and second semester Freshmen. The first category scholarship winners are determined by the Faculty in that area while the second category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded each year to students who demonstrate skill in vocal or instrumental music.

Roger Lance Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Lone L. Sisk Scholarship—Each year the proceeds from the Sisk Scholarship Fund will be awarded to a science major recommended by the science faculty.

Carter County Scholarships—In recognition of the service and support of the County in which the College is located, this scholarship will be made available to graduates of high schools within the County and to others who have resided in the County for at least six months.

Bible Bowl Scholarships—An award of \$5,000 toward four years at Milligan is available to any member of the first or second place Bible Bowl Team at the North American Christian Convention.

The Ernest K. Spahr English Scholarship—This scholarship was established to help students majoring in English. The award is determined by scholarship, need, and funds available.

Hobart and Myra Millsaps Scholarship—This scholarship is awarded to a junior or senior who plans to enter the field of education.

Joan Millar Scholarship—This scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships—These \$500.00 scholarships are awarded each year to one outstanding Bible major and one outstanding Education major.

Mustard Seed Scholarships—The **MUSTARD SEED**, an organization interested in the general welfare of Milligan College students, awards scholarships at the beginning of the Fall and Spring semesters. These scholarships are determined in part by academic ability and performance; however the primary consideration is financial need.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The G. I. Bill

Milligan College is eligible to receive veterans under the provision of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration Office or writing the Business Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Computer Science, Elementary Education, Health and Physical Education, Human Relations, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Political Science, six hours

Speech 121 or an acceptable substitute.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 64 semester hours and is conferred in the field of Secretarial Services. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, a specialized system of course offerings has been designed by dividing each semester into two terms. A student may take six semester hours during each eight week term during the evening, thereby enabling a student to complete twelve semester hours during one semester. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Office of the Academic Dean.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.



Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Computer Science, Elementary Education, English, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government/Business Leadership), Humanities, Mathematics, Missions, Music, and Office Administration. A student may declare as his major only those majors which are available at Milligan or available through one of the established co-operative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Church Music, Computer Science, English, French, German, Greek, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, Youth Leadership), Mathematics, Office Administration, Philosophy, Political Science, and Spanish.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A — Excellent—four quality points for each semester hour.
- B — Good—three quality points for each semester hour.
- C — Average—two quality points for each semester hour.
- D — Poor—one quality point for each semester hour.
- S — Satisfactory—not computed in grade point average.
- F — Unsatisfactory—no quality points.
- U — Unsatisfactory—no quality points.
- W — Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (Reading, Writing, Mathematics, and Study Skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency. (See *Learning Skills*).

All graduating seniors are required to take the Undergraduate Record Exam available in the spring. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area. (See *Education Area*). No fees are required.

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all such work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.333. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward his academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College. (See page 19.)

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8; and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, freshman, sophomore, junior, and senior, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of two dollars each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Withdrawal from a Class

A student may with the approval of the instructor and the adviser withdraw from a class anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after the mid-term will be evaluated with the grade "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College or Minnesota Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three year program in Milligan may receive his baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University and the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate

only 10 members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning, Milligan College, Tennessee 37682.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, E.T.S.U. awards the degree.

OFF-CAMPUS CENTERS

The College has an Off-Campus Center in West Lafayette, Indiana. This Center provides credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. The Presidency—See Political Science 360

361. Domestic Politics—See Political Science 361

370. International Affairs—See Political Science 370

ECONOMICS

360. The U.S. Economy—See Economics 360

FIELD WORK

491. Field Work—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

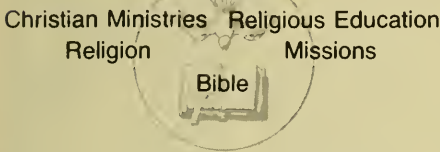
With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.

AREAS OF INSTRUCTION

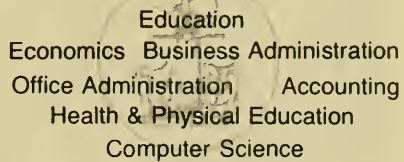
Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas or disciplines as follows:

Area of Biblical Learning



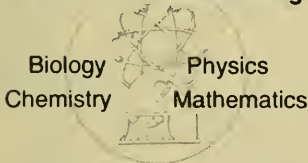
Area of Professional Learning



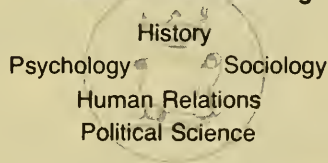
Area of Humane Learning



Area of Scientific Learning



Area of Social Learning



THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, Reading, and Study will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

- Learning Skills 090 Mathematics—see Mathematics 090
- Learning Skills 091 Reading—see Humanities 091
- Learning Skills 092 Study Skills—see Psychology 092
- Learning Skills 093 Writing—see Humanities 093

Area of Biblical Learning



Dr. Henry E. Webb, Chairman



Convocation

BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (Bible 201 and 202), six hours of Old Testament, History 341-342, 431-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, six hours of Advanced Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
- 321. Later Pauline Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. Church History (See History 341-342).

431-432. Reformation of the Nineteenth Century (See History 431-432).

RELIGIOUS EDUCATION/CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan college.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
- 270. Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
- 271. History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 317. Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.
- 452. Pastoral Counseling** (See Psychology 452).
- 477. Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

- 350. Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion** (See Philosophy 351).
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in mission situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of Biblical learning, since our understanding of the universe and our own places in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 274 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 275-276 Homiletics	4 hours
Christian Ministries 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, music, and humanities. A minor can be taken in French, German, English, Greek, Spanish, philosophy, music, and theatre arts.



ART

- 211. Calligraphy**—An introduction to letter forms. Two basic alphabets, Foundational Roman and Italic, will be studied. Variations will include Italic handwriting. Technique, creativity, and design will be emphasized. One to three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Fundamentals of Art**—An introductory study of the elements of art including subject, color, line, medium, organization, and style. Two semester hours.
- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

- 201. Technical Written Communications**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and non-technical computer users. Not applicable toward the English major or minor. Two semester hours.
- 211. Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.

311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
375. **Philosophy in Literature**—(See Philosophy 375).
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Offered alternate years. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.



- 434. Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
- 435. Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
- 460. Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
- 461. Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent work for senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 311 and 18 hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program. See page 32.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebrew literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of 18 semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes will be conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. Reading Laboratory—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. One semester hour.

093. Writing Laboratory—A course providing extra instruction to freshman students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

101-102. Humanities—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the eighteenth century, taking an integrated approach to learning. Six semester hours each semester.

200. Humanities European Study Tour—A study tour of 12 European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

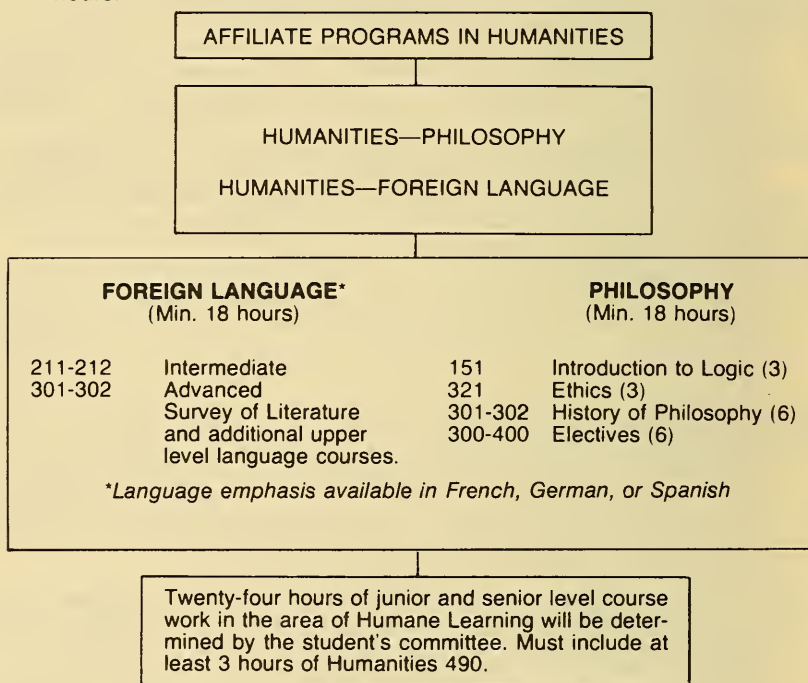
201-202. Humanities—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century as well as the anxiety and despair manifested in the twentieth century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.



Jubilation Corporation

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.



MUSIC

The purpose of the Music Program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the college at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 221, 222, 451, 452, Psychology 404, Education 230, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 399) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of five semesters. (Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed.) The church music minor consists of Music 143, 145, 363, 462-2 (Hymnology), 301, a performing ensemble for two semesters, a primary applied area of concentration for four credit hours, a secondary applied area of concentration for two hours, and 481 for two credit hours.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

- 143-144. Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. Basic Ear Training**—A freshman course covering identification, sight-singing, and dictation. One semester hour each semester.
- 221-222. Instrumental Methods**—Basic performing, teaching, and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.
- 243-244. Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 301. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 351. Music in the Elementary School**—Teaching music in the classroom kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 363. Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 381-382. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 385-386. Form and Analysis**—A study of major forms of music. Two semester hours each semester.
- 451. Methods and Materials for Elementary Music**—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.

- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

Comprehensive Evaluations

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study. See Music Handbook for details.
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study. See Music Handbook for details.
- 399. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 399. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 101. Piano Class**—Rudiments of piano, for students with no prior training. One semester hour.
- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. Organ for Majors**—Individual instruction in organ. One hour lesson per week. Two semester hours each semester.
- 160. Organ for Non-Majors**—Individual instruction in organ. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. Instrumental Instruction**—Individual instruction in orchestral instruments is available through ETSU. See page 32.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during

Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 120. Jubilation Corporation**—A mixed ensemble of approximately 20 voices and 8 instrumentalists performing a repertoire of American pop and contemporary sacred music. Vocalists are selected on the basis of vocal technique, choreographic skills, and stage presence. Five hours rehearsal per week. One semester hour.
- 131A, 132A-431A, 432A. Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 131B, 132B-431B, 432B. Women's Ensemble**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 135, 136-435, 436. Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.



Concert Choir

Instrumental

- 106, 107. Instrumental Ensemble**—Studying and performing literature of all periods. Three rehearsals per week. One semester hour each semester.
- 108. Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one half hours. One semester hour.
- 109. Hand Bells**—An introduction to basic performance technique, literature, and maintenance of Hand Bells. Two major concerts per semester plus a limited number of outside engagements. Three rehearsals per week. One semester hour.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401. Three hours of Humanities 202 may be applied toward the philosophy minor.

- 151. Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 303. History of Philosophy (Contemporary)**—A survey of twentieth century philosophy to Wittgenstein and Sartre. Three semester hours.
- 321. Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
- 331. Aesthetics**—A study of the philosophical problems concerning beauty. Questions considered include: Are there objective standards of beauty? Are aesthetic propositions meaningful? Three semester hours.
- 350. Comparative Religions** (See Religion 350)
- 351. Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.

- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
- 275. Homiletics**—(See Christian Ministries 275).
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.

Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

- 140. Introduction to Ballet**—An introduction to ballet and modern dance with specific emphasis on basic dance techniques and practical application. Five class periods per week. Three semester hours.
- 151. Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
- 340. Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Acting**—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
- 342. Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 490. Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
- 491. Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Professional Learning



Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (Controllorship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of 33 semester hours which must include Economics 201-202, Accounting 211-212, Accounting



301-302, Accounting 311 or 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of 24 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

- 211-212. Introductory Accounting**—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.
- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 311. Cost Accounting**—A study of the use of accounting information for managerial decision purposes, with emphasis on the role of the Controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.
- 315. Not-For-Profit Accounting**—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 415. Advanced Accounting: Theory**—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.
- 416. Advanced Accounting: Problems**—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours including Accounting 211-212; Economics 201-202, 301, 451; and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours including Accounting 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 316. Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching his career objectives. One semester hour.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.

- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 421. Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 304. Government and Business**—(See Political Science 304).
- 311. History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
- 360. The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.

401. **Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
402. **Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
403. **Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
451. **Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the world in which we live. It is composed of four areas: Courses in computer science, courses in computer application science, courses in the development of interpersonal skills, and courses in an academic emphasis. The fields of emphasis are business administration and mathematics. Because it is interdisciplinary in nature, the computer science program includes within it both a major and a minor.

Required courses are Computer Science 101, 204, 211, 311, 321, 341, 431, 451, two hours of electives in computer science, English 201, and six hours of psychology to be determined in consultation with the adviser.

Those with an emphasis in business must in addition complete Accounting 211, 212, Business Administration 315, 361, Computer Science 206, 331, 421, Economics 201, Math 213, and three hours of electives in Business Administration or Economics.

Students completing the mathematics emphasis must in addition to the basic requirements complete Computer Science 205, Math 321, 351, 408, and an additional 18 hours of mathematics.

The minor in Computer Science is Computer Science 101, 204, 205 or 206 or 211, 311, 431, 451, Math 213, and four hours of electives in Computer Science.

101. **Survey of Computer Technology**—A survey of both the technical areas of computer processing and the user oriented common applications of modern computer systems. The course also addresses some of the social and environmental problems surrounding the current explosive growth of computer usage today. Three semester hours.
204. **Introduction to Programming**—An introduction to programming languages including common concepts. Standard and extended features of the BASIC Language with applications in business, science, and social sciences are included. Two semester hours.
205. **FORTRAN Programming Language**—A study of the FORTRAN computer language and its applications in the science. Laboratory use of a computer is an integral part of the course. Three semester hours.

206. **COBOL Programming Language**—A study of programming techniques appropriate to the preparation of business oriented computer systems using the COBOL (Common Business Oriented Language) programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Three semester hours.
211. **Pascal Programming Language**—A study of the Pascal Programming Language. Laboratory use of the computer in designing, coding, debugging, and executing programs is an integral part of the course. Three semester hours.
221. **The Microcomputer**—An analysis of the technology and capability of the microcomputer. Two semester hours.
251. **Microcomputer Applications I**—A study of the microcomputer in teaching the Humanities, Social Sciences, Education, and other fields not covered in Microcomputer Applications 252 or 253. One semester hour.
252. **Microcomputer Applications II**—A study of the microcomputer in teaching Business. One semester hour.
253. **Microcomputer Applications III**—A study of the application of the microcomputer to teaching mathematics and physical sciences. One semester hour.
301. **Teaching Microcomputer Applications**—Teaching applications of the microcomputer in the high school and college. Two semester hours.
311. **Database Management**—A study of the common approaches to computer system management of data including data structures, data administration, database management software, and data independence implementation. Prerequisites: Computer Science 101 and Computer Science 204.
321. **Structured Design Concepts**—An analysis of system design and programming techniques that utilize the modular approach to system and program development. Top down and hierarchal approaches are emphasized. Prerequisites: Computer Science 101 and either Computer Science 206 or Computer Science 211. Two semester hours.
331. **Management Planning and Control**—A study of the concepts of planning and control that are commonly used in managing business activities: long-range planning, budgeting, short-range planning, operations feed-back, monitoring techniques, and corrective action-taking. Emphasis is on computer oriented management information systems. Three semester hours.
341. **Detail Design and Programming Concepts**—A study of system design and implementation methodologies commonly used in progressive data processing organizations. Prerequisites: Computer Science 101 and Computer Science 204. Three semester hours.
421. **Systems Project Management**—An overview of the "Project" form of management structure and control. Emphasis is on the planning and control concepts and techniques that are particularly applicable in the management of system development and implementation projects. Prerequisites: Computer Science 331 and approval of adviser. Two semester hours.
431. **Operating Systems**—A study of operating system techniques including multiprogramming, queuing, scheduling, and peripheral device interrupts combined with an introduction to assembler level programming languages. Prerequisites: Computer Science 101 and Computer Science 204. Three semester hours.
451. **Computers, Ethics, and Society**—The study of the impact of the computer on society today and in the future and an evaluation of some of the legal and ethical implications of that impact. Three semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

- A four-year Bachelor degree program with a major in Office Administration.
- A two-year Associate in Science degree program with a major in Secretarial Services.
- A two-year Secretarial Services Certificate program.

Bachelor Degree

Students may work toward the Bachelor of Science degree with a major in Office Administration, or, by taking a foreign language through the intermediate year, may work toward a Bachelor of Arts degree with a major in Office Administration.

Office Administration majors must complete 35 semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 480. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and either Business Administration 321 or Math 108 as well as the required education courses.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 155; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity courses; and three hours of electives in Office Administration courses.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 155; Office Administration 131-132*, 143-144*, 231-232, 331, 351, 352, 470, 472, and 475; two hours of physical education activity courses; and twenty hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

131. **Basic Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
132. **Business Typing**—Format and typing of personal correspondence, business correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 Gross Words Per Minute typing speed. Two semester hours.
- 143-144. **Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.

- 231-232. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Three semester hours each semester.
- 352. Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. Two semester hours.
- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to record management. Machine coding systems including the punched-card system, the KWIC Retrieval System and coding to the computer system are studied. Two semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Office Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 241-242 and 243-244. Three semester hours.
- 475. Word Processing**—A study of the current state-of-the-art word processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with selected word-processing techniques. Prerequisite: Office Administration 132. Two semester hours.
- 480. Office Automation**—A study of the use of computers in office administration and administrative services. Emphasis is placed on the management aspects of office automation, including word-processing, information retrieval, graphics preparation, time management, financial controls and employee information systems. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Milligan's education students gain experience through student teaching.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application through the Director of Teacher Education. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.0 and have completed Psychology 252 with a grade of "C." In addition to applying for admission, the student will be required to take a battery of tests which will be administered by the College Director of Testing. This test battery includes a personality evaluation and selected tests from the California Achievement Test which are now required by the Tennessee Department of Education. Test administration will be scheduled during the registration week each semester. Final approval will be given by the committee on admissions in the education program. Since this approval is a necessary prerequisite to enrolling in education classes, students should be admitted at least by the end of the sophomore year.

A student must be recommended by the faculty in his major field and have a 2.25 grade point average to be admitted to the education semester.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation. Milligan is accredited by the National Council for the Accreditation of Teacher Education.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student planned to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Special Arrangements of Education Courses

Elementary Education students should plan to take in a block arrangement three courses: Education 315, Introduction to Reading; Education 316, Teaching of Reading; and English 354, Children's Literature. A five-day-a-week, three-hour time period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical arrangement with a child with reading problems, and a period of time to work with a reading group in the public school.

The elementary education semester includes Education 230, Exceptional Children in the Public School (if the student has taken Education 231, this course is not required); Biology 350, Science for the Grades; Education 412, Materials and Methods of Elementary; and Education 421, Directed Teaching. The secondary education semester includes Education 230, Exceptional Children in the Public Schools; Psychology 404, Educational Psychology; Education 472, Materials and

Methods; and Education 461 or 481, Directed Teaching. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in Elementary Education is designed for those desiring a career as an elementary school teacher. The general education requirements for this major include: Bible 123, 124, 471; Humanities 101, 102, 201, 202; Psychology 155, 252; Biology 110; Physics 103; Sociology 201, 303; and two hours of physical education activities.

The Elementary Education major consists of Math 103, 104, 105; Speech 121; H&PE 203, 208, 311 (1 hour), 411; Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 407, 412, 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education: The *Biblical Studies* concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The *Social Studies* concentration consists of Political Science 311 and 15 hours of electives in economics, sociology, political science, and history. The *Mathematics* concentration consists of Computer Science 101, Math 111, 112, 214, 215, and three additional hours of mathematics electives. The *Science* concentration has two options: Track I consists of Biology 120, 140, 360 and four additional hours selected from Chemistry 150, 251 or Physics 201. Track II of the Science concentration consists of Chemistry 103, 104; Biology 360; and an elective chosen from Biology 250 or 210. The *Foreign Language* concentration consists of English 312 and 18 hours beyond the elementary level of a foreign language. The *Language Arts* concentration consists of English 311, 402; Speech 151 or 340; and 12 hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: H&PE 411 or Sociology 303 and one hour of physical education activity; Math 103; and 24 hours of professional education which must include Education 230, Education 407; Education 471; Education 472; Education 481; Psychology 252; and Psychology 404.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 103 to their general education program. Music students should add, in addition to Mathematics 103, four hours of health and physical education to their general education program.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education class, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231; Education 315; Education 316; Psychology 357 or Psychology 353; H&PE 406; Education 432; Education 433; Education 434; Education 435 (6 hours); and Psychology 454.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

- 230. Exceptional Children in the Public Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course also includes a discussion of the mainstreaming approach to reaching exceptional children. Two semester hours.
- 231. Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. Developmental Psychology**—(See Psychology 252).
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 315. Introduction to Reading**—A study of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehensive skills, and study skills. Three semester hours.
- 316. Teaching of Reading**—A study of the objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.
- 404. Educational Psychology**—(See Psychology 404).
- 407. History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.
- 421. Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.

432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
435. **Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three semester hours.
461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
471. **Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. One semester hour.
472. **Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 34 semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes Health and Physical Education 111, 211, 311, 411, Sociology 303, and Psychology 353 or 358.

111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racketball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.

204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategy designed to add in-depth understanding and preparation for coaching these sports at various levels. In addition to coverage of officiating, the course includes coaching philosophies and coach-player-team-school relationships. One to six hours with choice of sports.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One or three semester hours.

- 312. Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
- 403. Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
- 404. Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
- 406. Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
- 409. Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
- 411. Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



1982-83 Women's Basketball Team

Area of Scientific Learning

Dr. Eddie Leach, Chairman



BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

Two special concentrations in Science are available only to those who are also majoring in Elementary Education. In addition to the science required of all students and the elementary education major, Track I consists of Biology 120, 140, 360, and four additional hours selected from Chemistry 150, 251, or Physics 201. Track II consists of Chemistry 103 and 104, Biology 360, and an elective selected from Biology 210 or 250.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

- 110. Human Biology**—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours.
- 120. Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
- 140. Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.

- 210. Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
- 215. Field Studies in Biology**—An analysis of selected biological problems and/or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
- 220. Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
- 240. Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 241. Parasitology**—A survey of the more common parasites of man. It includes life histories, incidences, morphology, taxonomy, and control of parasitic helminths, protozoa, and the more important vectors of parasites. Prerequisite: Biology 140. Four semester hours.
- 250-251. Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 310. Biochemistry**—See Chemistry 310.
- 340. Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Offered alternate years. Four semester hours.
- 341. Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
- 342. Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
- 350. Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.
- 360. Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120 and 140. Four semester hours.
- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Offered alternate years. Four semester hours.

- 380. Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
- 440. Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through Calculus 303; and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
- 150. Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester.



- 310. Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours.
- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria, colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester.
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
- 490. Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in teaching, engineering, computer science, chemistry, and business.

A major in mathematics shall consist of thirty semester hours which must include Math 211, 212, 303, and 18 additional hours of math courses numbered above 200. Especially recommended for all math majors are Math 201, 214, 305, 307, and 308. An exception to this requirement exists when a student completes a double major in an area (such as biology or chemistry) complementary to mathematics. In this instance Math 111 and 112 may be included among the 18 hours of required math courses beyond calculus.

A minor shall require twenty-four semester hours which must include Math 111, 112, 211, and 212. Math 111-112 will be waived with possible credit for students who exhibit adequate proficiency.

A special concentration in Mathematics is available only to those who are also majoring in Elementary Education. In addition to the Mathematics required in the Elementary Education major, the concentration includes Computer Science 101, Math 111, 112, 214, 215, and three hours of electives in Mathematics.

- 090. Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.
- 103. Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. Three semester hours.
- 104. Fundamental Concepts**—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. Three semester hours.
- 105. Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. Two semester hours.
- 108. Mathematics of Finance**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation, and capitalization. For business majors and teacher certification only. Three semester hours.
- 111. Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.

112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
121. **Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Three semester hours.
204. **BASIC Programming Language**—Standard and extended features of the BASIC language, with applications in business, science, and the social sciences. Laboratory use of a computer is an integral part of the course. Two semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
214. **Statistics (Mathematics/Sciences)**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
321. **Computer Usage in Statistics**—A mathematical description of statistical models and the use of statistical computer routines, especially SPSS. The statistical packages will include data description, t-tests, analysis of variance, histograms, frequency tables, regressions and non-parametric procedures. Prerequisite: Math 214. Three semester hours.

- 351. Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Three semester hours.
- 390. Mathematical Logic**—(See Philosophy 390).
- 408. Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 303. Offered alternate years. Three semester years.
- 411. Introduction to Analysis**—A study of topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 303. Offered alternate years. Three semester hours.
- 415A, B, C. Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

- 103. Physical Science**—A study of basic concepts in physics, astronomy, and chemistry. Recommended for students with limited high school science and mathematics background. A working knowledge of algebra recommended. May not be used to satisfy the College's science requirement if Physical Science 104 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 104. Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. May not be used to satisfy the College's science requirement if Physical Science 103 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 201-202. General Physics**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Algebra and trigonometry required. Calculus recommended. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



1982 Freshmen Orientation

Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in Social Studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major the concentration includes Political Science 311 and 15 hours of electives in Economics, Sociology, Political Science, and History.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

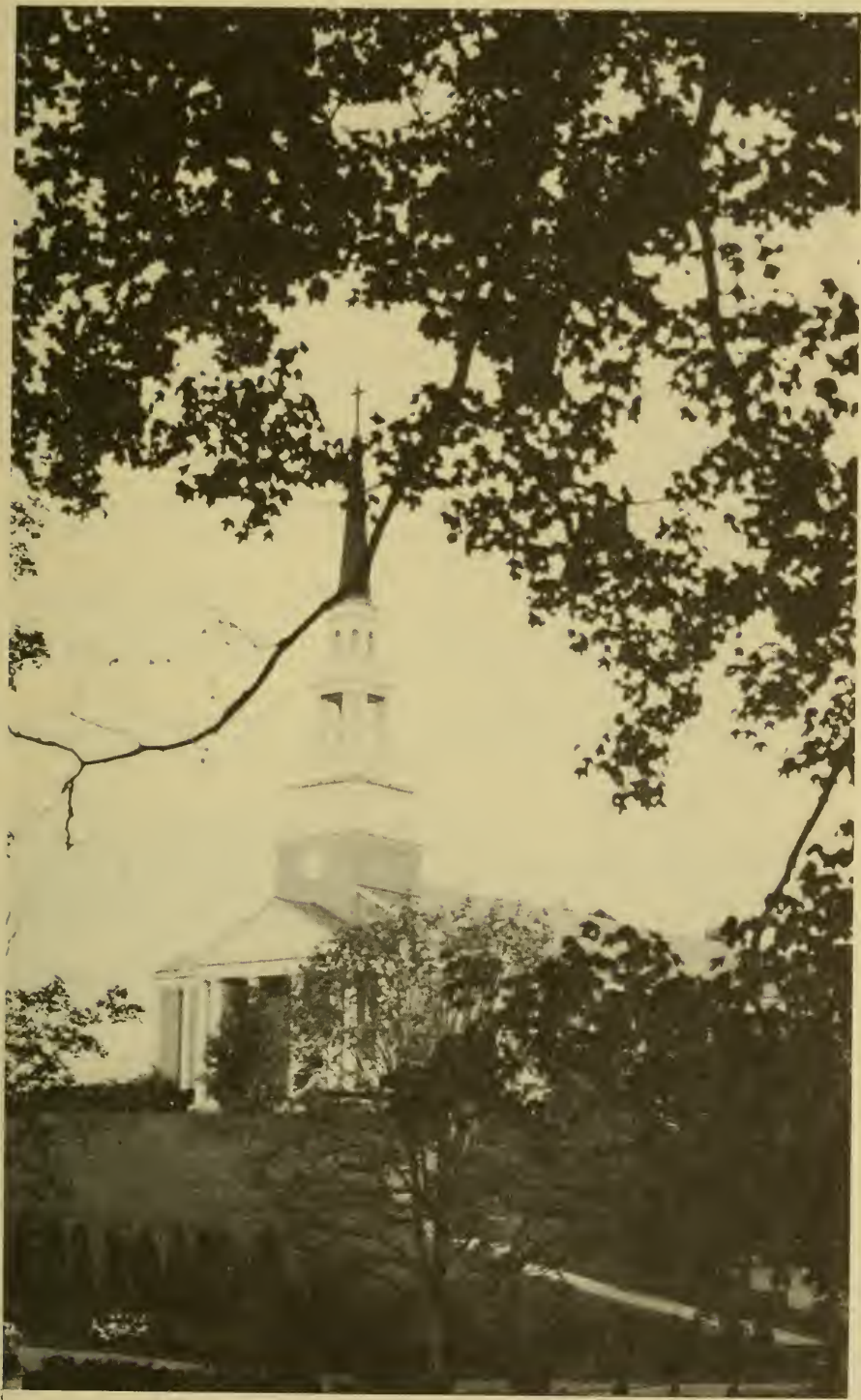
Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



301. **History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors. One semester hour.
306. **Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
311. **History of Economic Thought**—(See Economics 311).
312. **Economic History of the United States**—(See Economics 312).
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
324. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
333. **History of Modern Germany: 1866-1945**—A study of Modern Germany beginning with Bismarck and German Unification and ending with the defeat of Germany and the death of Hitler in 1945. Three semester hours.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the sixteenth century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
371. **American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
379. **The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.

- 381. The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 421. History of the Ancient Near East**—A study of the history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.
- 422. Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
- 424. Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. Reformation of the Nineteenth Century**—A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 445. Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
- 446. Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, and government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 30 hours plus 12 hours of a foreign language. A major in human relations requires a core program of 9 to 12 hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

Sociology 201 (3 hours) Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology

Required Courses: (6 hrs.)
Psy. 259
Psy. 353

Electives: (15-21 hrs.)

To be chosen with written approval of Track Chairman to meet student's educational objectives (i.e., teaching, psychiatry, mental health, business, law, research, community planning, parenthood, etc. Cf. Track-brochure)

Track Two: Sociology and Anthropology

Required Courses: (9 hrs.)
Soc. 210
Soc. 401
Soc. 451

Suggested

Electives:
Math. 213
Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 413
Soc. 414
Soc. 421
Soc. 426
Soc. 456
Soc. 461
Soc. 490
Soc. 491

Track Three: Social Agencies*

Required Courses: (15 hrs.)
Soc. 311
Soc. 403
Soc. 451
Soc. 491 (6 hrs.)

Suggested

Electives:
Psy. 252
Psy. 358
Psy. 352
Psy. 353
Psy. 358
Soc. 210
Soc. 311
Soc. 312
Soc. 413
Soc. 426
Soc. 490
Soc. 491

Track Four: Youth Leadership

Required Courses: (12-14 hrs.)
H&PE 409
Psy. 357
R.E. 317
H&PE 491 (4-6)

Suggested

Electives:
Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 421
Soc. 426
H&PE 111
H&PE 203
H&PE 206
H&PE 300
H&PE 301
H&PE 302

Track Five: Government/Business Leadership

Required Courses: (21 hrs.)
Pol. Sci. 203
B. Adm. 361
B. Adm. 363
Econ. 201
Econ. 202
Pol. Sci. 304 or 311
Pol. Sci. 491 or
B. Adm. 491

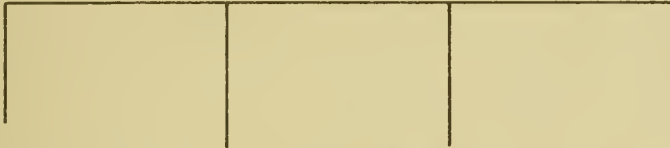
Suggested

Electives:
Other Accounting,
B. Adm., Computer and
Econ. courses
Other Pol. Sci. courses
Psy 353
Soc. 426

*For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.



**Track One:
Psychology**

Required Courses: (15 hrs.)
 Psy. 250
 Psy. 259
 Psy. 350
 Psy. 353
 Soc. 201

Recommended Electives: (3 hrs.)

Math 213
 Psy. 252
 Psy. 357
 Psy. 358
 Soc. 303
 Soc. 426
 To be chosen with written approval of Track Chairman

Other Possible Electives:

Any other Psy. course
 Soc. 210
 Soc. 360
 Soc. 414

**Track Two:
Sociology and Anthropology**

Required Courses: (15 hrs.)
 Psy. 250
 Soc. 201
 Soc. 210
 Soc. 303
 Soc. 451

Recommended Electives: (3 hrs.)

Math 213
 Psy. 350
 Soc. 311
 Soc. 314
 Soc. 401
 Soc. 426

Other Possible Electives:

Any other Soc. course

**Track Three:
Social Agencies**

Required Courses: (15 hrs.)
 Soc. 201
 Soc. 303
 Soc. 311
 Soc. 403
 Psy. 250

Recommended Electives: (3 hrs.)

Pol. Sci. 304
 Psy. 350
 Psy. 352
 Psy. 353
 Psy. 458

Other Possible Electives:

B. Adm. 361
 B. Adm. 363
 B. Adm. 401
 B. Adm. 402
 Econ. 201-202
 Psy. 401
 Any other Soc. course

**Track Four:
Youth Leadership**

Required Courses: (17 hrs.)
 H&PE 409
 Psy. 250
 Psy. 357
 R.E. 317
 Soc. 201
 Soc. 303

Recommended Electives: (1 hr.)

H&PE 111
 H&PE 203, 300, or 301
 Psy. 252
 Psy. 353
 R.E. 261
 R.E. 318
 Psy./Soc. 491
 Soc. 311
 Soc. 426

Other Possible Electives:

Psy. 358
 Psy. 404
 Psy. 405
 Psy. 458
 R.E. 304
 R.E. 308
 Any other Soc. course



POLITICAL SCIENCE

The political science minor is designed for those who wish to study law or prepare for government service or secondary school teaching. Students desiring a major should examine the Human Relations Track V although the political science minor may not be taken with this major because of similar requirements. The Track V major may be elected with a major or a minor in another field such as history or business administration and economics. The political science minor consists of eighteen hours which include 203, 304, 311, and 402 or 403, plus six hours of electives.

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
- 360. The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspect of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.
- 361. Domestic Politics**—The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
- 370. International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
- 402. Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing very rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

- 092. Study Skills Laboratory**—A direct and practical approach to study skills (i.e., study methods, library skills, outlining), individualized to the needs of the student. One semester hour.
- 155. The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
- 250. General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
- 252. Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in psychology. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three or four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358, Abnormal Psychology, as a required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.

- 357. Introduction to the Theory and Practice of Counseling**—A course designed for students to learn counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
- 401. Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
- 404. Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 405. Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.



1983 Summer Camp Team

427. **Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
452. **Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
454. **Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
456. **Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving communication with other disciplines. One to three semester hours.
459. **Psychology of Christian Consciousness**—A study of "the mind of Christ," from Moses to the present day. If Christ be the definitive human and psychology be the scientific study of human mental life, then the scientific study of the mental life of Christ is the only definitive humanistic psychology. Voegelin, Jaspers, W. Thompson, and Julian Jaynes are contemporary scholars whose work is basic to the course. Three semester hours.
490. **Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and applications of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser or a member of the sociology faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan his curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

- 201. Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
- 350. Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
- 360. Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
- 401. Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
- 403. Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
- 413. Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation of old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
- 414. Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
- 421. Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
- 426. Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.

451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY



DR. MARSHALL J. LEGGETT, PRESIDENT

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the college.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January, 1983

Charles E. Allen, Physician, Johnson City, Tennessee, *Vice Chairman*

Robert E. Banks, Attorney, Elizabethton, Tennessee, *Secretary*

Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana

Theodore Cord, Minister, Fort Worth, Texas

Horace W. Dabney, Businessman, Louisville, Kentucky

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W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida

Henry Gruenberg, Retired, North Miami, Florida

Harry Guion, Retired, Indianapolis, Indiana

John Hart, Retired, Johnson City, Tennessee

Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky

Steve Lacy, Business Executive, Johnson City, Tennessee

Leslie L. Lumsden, Retired, Punta Gorda, Florida, and Elizabethton, Tennessee

C. Howard McCorkle, Educational Consultant, Johnson City, Tennessee

Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee

Kent E. McQuiston, Accountant, Indianapolis, Indiana

Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee

Wade Patrick, Businessman, Johnson City, Tennessee

Mrs. B. D. Phillips, Educator and Church Woman, Johnson City, Tennessee

W. V. Ramsey, Merchant, Mountain City, Tennessee, *Chairman*

Henry Richardson, Businessman, Havre de Grace, Maryland

Goffery Salyer, Businessman, Elkhorn City, Kentucky

Donald Sams, Administrator, Mt. Healthy Christian Home, Cincinnati, Ohio

Ralph Small, Vice President, Standard Publishing Company, Cincinnati, Ohio

Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee

George O. Walker, Retired, Claremont, California

Lidy Wyatt, Hamilton Bank Executive, Johnson City, Tennessee

Harold Zimmerman, Retired, Indianapolis, Indiana

Trustees Emeriti

Samuel C. Bower, Physician, Mill Hall, Pennsylvania

Jack Covington, Contractor, Winston-Salem, North Carolina

Jordan Crouch, Executive, Nevada Bankers Association, Reno, Nevada

W. H. MacDonald, Retired, Johnson City, Tennessee

Jack R. Musick, Circuit Court Judge, Elizabethton, Tennessee

John U. Phelps, Minister, Clemmons, North Carolina

Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

The Advisers, January, 1983

- Sylvan Amstutz, Businessman, Orrville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
Harold E. Armstrong, Minister, First Christian Church, Columbus, Indiana
John Banks, Attorney, Elizabethton, Tennessee
Ralph Edward Barker, Businessman, Bristol, Tennessee
James Barton, Minister, First Christian Church, Nashville, Tennessee
Phil Blowers, Attorney, Indianapolis, Indiana
David H. Boggs, Businessman, Davidsonville, Maryland
David F. Bolton, Minister, Church of Christ, Elkhorn City, Kentucky
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
Victor Carpenter, Businessman, Louisville, Kentucky
Ralph S. Carter, Minister, Cherry Avenue Christian Church, Charlottesville, Virginia
William E. Clem, Businessman, Lexington, Kentucky
Norman W. Conner, Minister, First Christian Church, Santa Ana, California
Richard Crabtree, Minister, First Christian Church, Canton, Ohio
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Ron DeLong, Businessman and Evangelist, Carmel, Indiana
D. E. DeTraz, Businessman, Tarpon Springs, Florida
Harold J. DeVault, Businessman, Concord, Tennessee
Robert Elliott, Assistant Superintendent of Schools, Kingsport, Tennessee
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, Georgia
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis, Indiana
George Haden, Jr., Minister, Christian Church, Wellsburg, West Virginia
Joseph Harper, Businessman, Ironton, Ohio
Marshall Hayden, Minister, Christian Church, Worthington, Ohio
Fred I. Head, U.S. Government Office of Economic Opportunity, Peachtree City, Georgia
Frank Heiling, Retired, Dallas, Texas
Max R. Hickerson, Minister, Spring Branch Christian Church, Houston, Texas
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert L. Huckstep, Businessman, Charlottesville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
L. N. Humphreys, Jr., Executive, Greeneville, Tennessee
Darla Irvin, Homemaker, Lock Haven, Pennsylvania
Gary G. Jenkins, Minister, Christian Church, Midwest City, Oklahoma
David Jones, Medical Student, Louisville, Kentucky
E. P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Sue Kettelson, Churchwoman, Simpsonville, South Carolina
Robert Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
John Lecky, Associate Minister, Mountain Christian Church, Joppa, Maryland
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
Brewster McLeod, Youth Minister, Southland Christian Church, Lexington, Kentucky
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, Christian Church, Cambridge City, Indiana
John P. Mills, Minister, Church of Christ, Painesville, Ohio
James Mitchum, Financial Analyst, Eli Lilly & Co., Indianapolis, Indiana
John Newman, Businessman, Louisville, Kentucky
William A. Nice, Physician, Bloomington, Indiana
William Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Ann O'Connell, Businesswoman, Las Vegas, Nevada
Wayne K. Orr, Engineer, Allison Division, General Motors, Indianapolis, Indiana
John Orth, Physician, Joppa, Maryland
Robert W. Paswater, Minister, Castleton Christian Church, Indianapolis, Indiana

John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Gary D. Porter, Administrator, Children's Home, Wooster, Ohio
Walter Puckett, Minister, Christian Church, Greentown, Indiana
David Pugh, Teacher, Indianapolis, Indiana
Robert Robinson, Insurance Executive, Indianapolis, Indiana
Tim Ross, Assistant Minister, Christian Church, Cambridge City, Indiana
John C. Samples, Minister, Greenwood, Indiana
James D. Saunders, Minister, Christian Church, Herrin, Illinois
Laurie Schreiner, Psychologist, Louisville, Kentucky
John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
Ruth Settles, Retired, Louisville, Kentucky
Allen Sharp, United States District Court Judge, South Bend, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Brinton C. Simmons, Jr., Minister, Church of Christ, Blanchard, Pennsylvania
Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee
Loren T. Stuckenbruck, Student, Johnson City, Tennessee
Max Stucker, Accountant, Chicago, Illinois
Dan Steucher, Associate Minister, First Christian Church, Largo, Florida
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee
Thomas Tatham, Attorney, Miami, Florida
Robert Walther, Minister, Perry Christian Church, Canton, Ohio
David Wantz, Director, Continuing Education, Indiana Central University, Indianapolis, Indiana
David Wead, Minister, Boones Creek, Tennessee
Mark H. Webb, Dentist, Bristol, Tennessee
Paula Welshimer, Church Woman, Winston-Salem, North Carolina
Wallace Westhoff, Farmer, Lewistown, Missouri
John J. Wiggins, Businessman, Plainfield, Indiana
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Ron Zimmerman, Executive, Allison Division, General Motors, Indianapolis, Indiana



FACULTY AND ADMINISTRATION 1982-83

MARSHALL J. LEGGETT, President (1982)
B.A., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

DEAN EVEREST WALKER, Chancellor, (1950)
B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

EUGENE H. WIGGINTON, Executive Vice-President and Director of Development (1971)
B.A., Cincinnati Bible Seminary; Bellarmine College; East Tennessee State University.

KENNETH W. OOSTING, Academic Dean (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion.

BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Dean of Students (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

ROY H. SOMMER, Business Manager (1981)
B.S.Ed., Chicago Teachers College; M.A., M.B.A., University of Chicago; Chicago State University; Northern Illinois University.

Administration

PAUL BADER, Director of Financial Aid and Student Union Building Manager (1976)
B.S., Milligan College; St. Louis Christian College.

BUFORD F. DEATON, Director of Church Relations (1968-1973, 1978)
B.S., Milligan College; East Tennessee State University; Emmanuel School of Religion.

RON EVERSOLE, Director of Deferred and Planned Giving (1981)
B.A., Cincinnati Bible Seminary.

PHYLLIS DAMPIER FONTAINE, Registrar and Director of Institutional Research (1963)
B.S., M.A., East Tennessee State University; Milligan College.

JOE P. McCORMICK, Assistant to the President (1956)
B.S., L.L.D., Milligan College.

JOHN M. ORTH, Controller (1983)
B.S., Milligan College; Loyola College of Maryland.

STEVEN L. PRESTON, Director of Learning Resources (1981)
A.B., University of Georgia, M.L.S., University of Oklahoma; Georgia Institute of Technology.

GARY RICHARDSON, Director of Admissions (1982)
B.A., Milligan College; East Tennessee State University.

MARK RICHARDSON, Director of Alumni and Communications (1980)
B.A., Milligan College.

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

- CHARLES W. GEE, Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning, Professor of Bible and Joel O. and Mabel Stephens Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University.
- ROBERT B. HALL, Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)
B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- JOHN L. MORRISON, Professor of Education (1968)
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University; Cambridge University.
- KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion.
- RICHARD PHILLIPS, Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Tennessee.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

Associate Professors

- PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)
B.S., M.A., East Tennessee State University; University of Tennessee.

- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- KEN DUNDAS, Associate Professor of Business Administration (1982)
B.A., University of New South Wales; M.A., University of New South Wales; M.B.A., University of Texas at Arlington.
- W. DENNIS HELSABECK, JR., Associate Professor of Humanities and History (1982)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion.
- SUSAN GAYLE HIGGINS, Associate Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- HUGH IMBODEN, Associate Professor of Mathematics (1982)
B.S., University of Missouri-Columbia; M.A., Emporia State University; Oklahoma State University; University of Missouri.
- JACK L. KNOWLES, Associate Professor of English (1970)
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)
B.A., University of Wisconsin; Ph.D., Iowa State University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX, Associate Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- EUEL J. OWNBY, Associate Professor of Education (1961)
B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University of Tennessee.
- IRA READ, Associate Professor of History (1967)
B.A., Milligan College; M.A., Ph.D., Emory University.
- RON REED, Associate Professor of Health and Physical Education (1982)
A.B., Morehead State University; M.A., Morehead State University.
- BILL W. RHOADES, Associate Professor of Business Administration (1979)
B.S., University of Missouri, Certified Public Accountant.
- R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., Southern Baptist Theological Seminary; D.Min., Southern Baptist Theological Seminary.
- DAVID C. RUNNER, Associate Professor of Music (1972)
B.Mus., Boise State University; M.Music, D.M.A., Eastman School of Music, University of Rochester.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

Assistant Professors

- BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Dean of Students (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

- TIM DILLON, Assistant Professor of History (1982)
B.A., Milligan College; M.A., University of Wisconsin-Madison; Emmanuel School of Religion.
- DOUGLAS PAUL GROSS, Assistant Professor of Music (1981)
B.A., Milligan College; M.A., Indiana University.
- JANICE F. HUANG, Assistant Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- ANN ILES, Assistant Professor Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.
- VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.
- NORMA J. MORRISON, Assistant Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T., East Tennessee State University; Milligan College; University of Oregon.
- BILLIE B. OAKES, Assistant Professor of Library (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.
- BARBARA SEVIER, Assistant Professor of Humanities and Art (1982)
B.A., Towson State University; M.F.A., East Tennessee State University.
- JAMES L. STREET, Assistant Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., University of Georgia; Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.
- CAROLYN WOOLARD, Assistant Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; University of Strasbourg; East Tennessee State University.

Support Personnel

- Julie Alexander, Admissions Counselor
Chuck King, Director of Buildings and Grounds
Opal Lyons, LPN, Campus Nurse
Tim Smith, Admissions Counselor
Cindy Wead, Admissions Counselor
W. Benjamin Winn, Director of Food Services

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

- ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.
- ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University; University of Glasgow.
- HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D. Min., Vanderbilt University.
- W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball University; College of the Bible.

IVOR JONES, Professor Emeritus of History (1942)

B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.

JUANITA JONES, Associate Professor Emeritus of English (1968)

B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.

JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)

B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas (P.I.); George Washington University; Western Reserve University.

JAMES L. SHIELDS, Professor Emeritus of Education (1959)

B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.

LONE L. SISK, Professor Emeritus of Chemistry (1948)

B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.

EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)

B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.

HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)

B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.

C. ROBERT WETZEL, Professor at Large (1961)

B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

NEW FACULTY

The following will be joining the faculty for the 1983-84 year:

JAMES LEE MAGNESS, Assistant Professor of Bible

B.A., Milligan College; M.Div., Emmanuel School of Religion; Vanderbilt University; Emory University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education

B.A., Wittenberg University; M.Ed., Xavier University.

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund

The McWane Foundation Fund

The Waddy Trust Fund

The Johnson City Endowment Fund

The Corinna Smithson Cashman Fund

The Adam B. Crouch Memorial Fund

The Sarah Eleanor LaRue Hopwood Memorial Fund

The Josephus Hopwood Memorial Fund
The C. W. Mathney Memorial Fund
The Frank P. Walthour, Sr., Memorial Fund
The Robert A. Balderson Memorial Fund
The Thomas Wilkinson Memorial Fund
The E. E. Linthicum Memorial Fund
The Elizabethton Endowment Fund
The Ministerial Scholarship Fund of the Erwin Christian Church
The Milligan College Building and Endowment Fund
The McCowan Fund
The Perry L. Gould Memorial Fund
The L. G. Runk Endowment Fund
The Milligan Alumni Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Aylette Rains Van Hook Memorial Fund
The Mary Harvey Taber Memorial Fund
The McCormick Fund
The Florence Ley Walker Memorial Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Foundation
The Barbara Mains Memorial Fund
The Wiley Wilson Memorial Fund
The B. D. Phillips Fund
The Milligan College Cemetery Association
The George Iverson Baker Memorial Fund
The Anna Lucas Kennedy Fund
The Sam J. Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. and Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. Miller Memorial Fund
The Mary Hardin McCown Living Endowment Fund
The Dorothy S. Wilson Memorial Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund

The Mrs. William Butler Van Hook Memorial Fund
The Clem Endowment Fund
The 1978 Class Fund
The John L. Kuhn Memorial Fund
The William E. Axamethy Memorial Fund
The Aileen V. Ellis Memorial Fund
The Edna L. Hedges Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The Harry A. Smith Memorial Fund
The 1979 Class Fund
The 1980 Class Fund
The Roy G. True Memorial Fund
The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Roger Lance Wood Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Mildred Welshimer Phillips Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Living Link Relationship

Christian churches which contribute significantly to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the college which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois—THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

INDEX

Academic Information	26	Laboratory Fees	20
Accounting	53	Living-link Relationship	98
Administrative Officers	92	Majors and Minors	28
Admissions	18	Married Student Housing	7
Advance Deposit	21	Mathematics	73
Advanced Placement	18	Matriculation Fee	21
Advisers (Academic)	27	Medical and Law Students	30
Application Fee	21	Medical Technology	31
Applied Music	49	Memberships	Inside Front Cover
American Studies Program	32	Milligan Community	88
Area of Biblical Learning	34	Missions	37
Area of Humane Learning	39	Mortuary Science	31
Area of Professional Learning	53	Music	47
Area of Scientific Learning	69	National Teacher Examinations	62
Area of Social Learning	76	Nature of the College	2
Areas of Instruction	33	Nursing	31
Art	40	Off Campus Centers	32
Athletics	12	Office Administration	59
Audit	19	Part-time Students	21
Automobiles	8	Payment of Accounts	21
Bible	35	Philosophy	51
Biology	69	Physics	75
Board	22	Political Science	82
Board of Advisers	90	Practice Room/Instrument Rent	21
Business and Economics	55	Probation	29
Business Administration	55	Procedures	17
Calendar	Inside Back Cover	Professional Organizations	11
Campus	13	Psychology	83
Ceremony of Matriculation	20	Publications	11
Certification	62	Recreational Organizations	11
Character of the College	4	Refunds	22
Chemistry	71	Religion	37
Christian Ministries	36	Religious Education	36
Church Music	48	Religious Life	9
Classification	30	Reports	30
Class Attendance	27	Representative Organizations	10
Computer Science	57	Required Courses	26
Conduct	7	Requirements for a Degree	26
Convocations	26	Residence	7
Co-operative Programs	31	Returning Students	19
Correspondence Credit	29	R.O.T.C.	31
Dormitories	8	Scholarships	24
Early Childhood Education	64	Secondary Education	63
Economics	56	Secretarial Science	(see Office Administration)
Education	61	Social Activities	8
Elementary Education	63	Sociology/Anthropology	85
Endowed Chairs	98	Spanish	44
Endowment Funds	96	Special Education	64
Engineering	31	Special Students	19
English	40	Specific Objectives	6
Expenses	20	Speech	52
Faculty	92	Staley Lectures	10
Fees	20	Student Life	7
Financial Aid	22	Student Teaching	62
Foreign Language	42	Studies Abroad	32
Foreign Students	19	Testing Services	28
French	42	Textbooks	22
G. I. Bill	25	Theatre Arts	52
German	43	Transcripts	30
Grade Point Average	28	Transfer Students	18
Greek, Hebrew	44	Trustees	89
Health	9	Tuition	20
Health and Physical Education	65	Vocational Rehabilitation	25
Heritage	3	War Orphans	25
History	76	Welshimer Lectures	10
Home Economics Education	32	Westwood Foundation	32
Honors	29	Withdrawal	30
Human Relations	80		
Humanities	45		

MILLIGAN COLLEGE CALENDAR

Summer Session, 1983

Registration	June 13
First Term Classes	June 13 - July 13
Second Term Classes	July 14 - August 12

Fall Semester, 1983

Dorms Open to Freshmen	August 27
Conference for Parents of Freshmen	August 27
Freshmen Orientation	August 27-30
Faculty Conference	August 29
Dorms Open to Upperclassmen	August 29
Advising and Registration	August 30-31
Classes Begin	September 1
Matriculation	September 2
Fall Break	5:00 p.m., October 12 to 8:00 a.m., October 17
High School Days	October 20-23
Founder's Day	October 28
Thanksgiving Holidays	5:00 p.m., November 23 to 8:00 a.m., November 28
Last Day of Classes	December 16
Final Examinations	December 19-22

Spring Semester, 1984

New Student Orientation	January 16
Advising and Registration	January 17-18
Classes Begin	January 19
Spring Break	5:00 p.m., March 16 to 8:00 a.m., March 26
Awards Convocation	May 8
Last Day of Classes	May 11
Final Examinations	May 14-17
Baccalaureate and Commencement	May 20

Summer Session, 1984

Registration	June 11
First Term Classes	June 11 - July 11
Second Term Classes	July 12 - August 10

Fall Semester, 1984

Dorms Open to Freshmen	August 25
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Milligan College

CATALOG SUPPLEMENT
1984 - 1985

MILLIGAN COLLEGE

Milligan College, Tennessee 37682

(615) 929-0116

TABLE OF CONTENTS

Student Life	1
Admissions	3
Fees/Expenses	4
General Academic Information	6
Degree Requirements	6
Areas of Instruction	9
Area of Biblical Learning	11
Area of Humane Learning	13
Area of Professional Learning	18
Area of Scientific Learning	23
Area of Social Learning	25
The Milligan Community	29

Milligan College holds full membership in the following accrediting agencies and professional organizations:

American Association of Colleges
Teacher Education
Association of American Colleges
Association of Intercollegiate Athletics
for Women
Association for Schools, Colleges, and
University Staffing
College Placement Council
Christian College Coalition
National Association of Intercollegiate
Athletics
National Council for the Accreditation
of Teacher Education
Southern Association of Colleges and
Schools
Tennessee College Association
Tennessee College Women's Sports
Federation
Tennessee Independent Colleges Fund
Tennessee Intercollegiate Athletic
Conference
Volunteer State Athletic Conference

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Pictured on the cover are Steve Reeves,
Rebecca Launt, and Lucy Hill sitting in
front of P.H. Welshimer Library.

Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.

INTRODUCTION

This 1984-85 edition of the Milligan College *Catalog* is only a supplement to the 1983-84 edition. Course descriptions are included only for those courses which have been changed or added to the curriculum since the 1983-84 edition. Other essential information has been included and updated as appropriate.

Those who require more detailed information should contact the Registrar, Milligan College, Tennessee 37682.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Dean of Students. The rooms are subject to spot checks by the Head Resident. The Head Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of each room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester will be charged.

Students who repeatedly violate the vehicular regulations will lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Student Government, assisted by the Dean of Students.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Head Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Head Resident is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the International Baccalaureate as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. They must furnish the College with transcripts of all previous college work.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is during the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$1999.00
Room	420.00
Board	<u>726.00</u>
TOTAL FOR ONE SEMESTER	\$3145.00
Tuition each academic hour over 17	\$ 118.00
A special fee schedule is charged for 1 to 11 hours.	
Additional fee for private room	\$ 210.00

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees — Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 412, 472	\$ 5.00
Education 434, 443	10.00
Science Laboratory Fee	\$15.00
Psychology 252 (for four credit hours)	10.00
Psychology 259	10.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301, 311	5.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Music 221, 222	30.00
Reading Lab	5.00

Computer 101, 204, 205, 206, 211, 275, 311, 341, 431	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00

Tuition Charges in Applied Music

One semester hour	\$45.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of fifteen (\$15.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve his place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester.

Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

On the day of registration a down payment of one-half of the tuition, room and board (after deducting scholarships and grants and financial aid), plus other class fees.

The remaining balance is to be paid in three (3) equal installments falling due one month, two months, and three months after the date of registration.

Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance, etc. may apply such amounts toward the down payment requirement.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of members of the immediate family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such a transfer must notify the Business Office before leaving the College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Computer Science, Elementary Education, Health and Physical Education, Human Relations, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Political Science, six hours

Speech 121 or an acceptable substitute.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 64 semester hours and is conferred in the field of Secretarial Services. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provisions for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

Students who violate the class attendance policy may be dismissed during the semester.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, a specialized system of course offerings has been designed by dividing each semester into two terms. A student may take six semester hours during each eight week term during the evening, thereby enabling a student to complete twelve semester hours during one semester. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Office of the Academic Dean.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Computer Science, Elementary Education, English, Health and

Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government/Business Leadership), Humanities, Mathematics, Missions, Music, Office Administration, and Youth Ministry. A student may declare as his major only those majors which are available at Milligan or available through one of the established co-operative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Church Music, Computer Science, English, French, German, Greek, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, Youth Leadership), Mathematics, Music & Theatre Arts, Office Administration, Philosophy, Political Science, and Spanish.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A — Excellent — four quality points for each semester hour.

B — Good — three quality points for each semester hour.

C — Average — two quality points for each semester hour.

D — Poor — one quality point for each semester hour.

S — Satisfactory — not computed in grade point average.

F — Unsatisfactory — no quality points.

U — Unsatisfactory — no quality points.

W — Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (Reading, Writing, Mathematics, and Study Skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain his proficiency. (See *Learning Skills*).

All graduating seniors are required to take the Undergraduate Record Exam available in the spring. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area. (See *Education Area*). No fees are required.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First

List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward his academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8; and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, freshman, sophomore, junior, and senior, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of two dollars each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Withdrawal from a Class

A student may with the approval of the instructor and the adviser withdraw from a class anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after the mid-term will be evaluated with the grade "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas or disciplines as follows:

Area of Biblical Learning		Area of Professional Learning	
Christian Ministries	Religious Education	Economics	Education
Religion	Missions	Office Administration	Business Administration
	Bible	Health & Physical Education	Accounting
		Computer Science	
Area of Humane Learning			
	Music	Art	English
	French	Greek	Spanish
		German	Hebrew
Humanities	Speech & Theatre Arts	Philosophy	
Area of Scientific Learning		Area of Social Learning	
Biology	Physics	Psychology	History
Chemistry	Mathematics	Human Relations	Sociology
		Political Science	

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, Reading, and Study will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics — see Mathematics 090

Learning Skills 091 Reading — see Humanities 091

Learning Skills 092 Study Skills — see Psychology 092

Learning Skills 093 Writing — see Humanities 093

Area of Biblical Learning



Dr. Henry E. Webb, Chairman

BIBLE

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (Bible 201 and 202), six hours of Old Testament, History 341-342, 431-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, six hours of Advanced Old Testament, and six hours of electives from either Old or New Testament.

- 123. Old Testament Survey
- 124. New Testament Survey
- 201. The Life of Christ
- 202. The Book of Acts
- 251. Institutions of Israel
- 252. Biblical Archaeology
- 290. Independent Study
- 301-302. The Prophets
- 321. Later Pauline Epistle
- 322. Pastoral Epistles
- 324. Johannine Literature
- 411-412. Major Pauline Epistles
- 421. Post Exilic Prophets
- 422. Intertestamental Literature
- 471. Christ and Culture

RELIGIOUS EDUCATION/CHRISTIAN MINISTRIES

The Christian Education major consists of three hours of Old Testament electives, Bible 201, 202, History 341, 342, 431, Christian Ministries 261, 304, 308, 477, 217, 280, and 281. The Youth Ministries major consists of three hours of Old Testament electives, Bible 201, 202, History 341, 342, 431, Christian Ministries 217, 318, 321, 477, 261, 280 and 281.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 217. **Introduction to Youth Ministry**—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This will include some practical experience and is intended both for those planning a career in Youth Ministry and those preparing for better church service. Three semester hours.
- 261. **Introduction to Christian Education**
- 270. **Introduction to Christian Missions**
- 271. **History of Christian Missions**
- 275-276. **Homiletics**
- 280-281. **Practicum in Ministry**
- 304. **Materials and Methods of Christian Education**

308. Organization and Administration of Christian Education**318. Materials and Methods of Youth Ministries**

321. Leadership Development Seminar—An interdisciplinary course with Bible and Social Learning. It is mandatory for both Youth Ministry and Human Relations, Trace IV majors, and it is designed to study skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.

452. Pastoral Counseling—(See Psychology 452).

477. Church Administration**RELIGION****350. Comparative Religions**

351. Philosophy of Religion—(See Philosophy 351).

495. Seminar**MISSIONS**

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 275-276 Homiletics	4 hours
Christian Ministries 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, music, and humanities. A minor can be taken in French, German, English, Greek, Spanish, philosophy, music, and theatre arts.

ART

- 211. Calligraphy**
- 290. Independent Study**
- 301. Fundamentals of Art**
- 305. Studio Workshop**
- 311. Art for Elementary Teachers**

ENGLISH

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

- 201. Technical Written Communications**
- 211. Special Studies in Literature**
- 290. Independent Study**
- 304-305. Survey of American Literature**
- 311. Advanced Grammar**
- 312. Introduction to Linguistics**
- 313. History of the English Language**
- 354. Children's Literature**
- 361. Novel**
- 402. Short Story**
- 411-412. Contemporary Literature**
- 430. Medieval Literature**
- 432. Restoration and Eighteenth Century Literature**
- 434. Romantic Movement**
- 435. Victorian Period**
- 460. Renaissance Drama**
- 461. Renaissance Drama**
- 462. Renaissance Poetry and Prose**
- 490. Independent Study**
- 495. Seminar**

FOREIGN LANGUAGES

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in

that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 311 and 18 hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

- 111-112. Elementary French**
- 211-212. Intermediate French**
- 290. Independent Study**
- 301-302. Advanced Conversation and Composition**
- 311-312. Survey of French Literature**
- 401-402. French Civilization and Culture**
- 490. Independent Study**

GERMAN

The minor in German will consist of 18 semester hours beyond the level of German 111-112.

- 111-112. Elementary German**
- 211-212. Intermediate German**
- 301-302. Advanced Conversation and Composition**
- 311-312. Survey of German Literature**
- 401-402. Seminar in German Studies**
- 490. Independent Study**

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**
- 221-222. Intermediate Greek**
- 290. Independent Study**
- 331-332. Advanced Greek Readings**

HEBREW

- 111-112. Modern Hebrew**
- 211-212. Intermediate Hebrew**

SPANISH

The minor in Spanish will consist of 18 semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish**
- 211-212. Intermediate Spanish**
- 290. Independent Study**
- 301-302. Advanced Conversation and Composition**
- 311. Survey of Spanish Literature**
- 312. Survey of Spanish-American Literature**

HUMANITIES

Requirements for the humanities major are 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected

from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. Reading Laboratory

093. Writing Laboratory

101-102. Humanities

200. Humanities European Study Tour

201-202. Humanities

Note: Humanities 101-102 is a required course of study for all freshman working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study

490. Reading and Research in the Area of Humane Learning

495. Seminar

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES—PHILOSOPHY
HUMANITIES—FOREIGN LANGUAGE

FOREIGN LANGUAGE*
(Min. 18 hours)

211-212	Intermediate
301-302	Advanced
	Survey of Literature and additional upper level language courses.

PHILOSOPHY
(Min. 18 hours)

151	Introduction to Logic (3)
321	Ethics (3)
301-302	History of Philosophy (6)
300-400	Electives (6)

**Language emphasis available in French, German, or Spanish*

Twenty-four hours of junior and senior level course work in the area of Humane Learning will be determined by the student's committee. Must include at least 3 hours of Humanities 490.

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363-364, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 221, 222, 451, 452, Psychology 404, Education 230, 317, 407, and 416.

The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363-364, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 399) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of five semesters. (Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed.) The church music minor consists of Music 143, 145, 363, 462-2 (Hymnology), 301, a performing ensemble for two semesters, a primary applied area of concentration for four credit hours, a secondary applied area of concentration for two hours, and 481 for two credit hours.

The Music, Theatre Arts minor is composed of Music 143, 145, 301, 155 for two hours credit, 150 for one hour credit, Art 301, Speech 341 and 140.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

143-144. Basic Music Theory

145-146. Basic Ear Training

221-222. Instrumental Methods

243-244. Advanced Music Theory

245-246. Advanced Ear Training

301. Understanding Music

351. Music in the Elementary School

363. Basic Conducting

364. Advanced Conducting

381-382. Music History and Literature

385-386. Form and Analysis

451. Methods and Materials for Elementary Music

452. Methods and Materials for Secondary Music

462. Seminar

481. Practicum in Church Music

Comprehensive Evaluations

199. Freshman Comprehensive

299. Sophomore Comprehensive

399. Proficiency

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 399. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

100. Madrigal Production-One-half hour credit.

Piano

110, 111-410, 411. Piano for Majors

150. Piano for Non-Majors

Voice

104. Voice Class

114, 115-414, 415. Voice for Majors

155. Voice for Non-Majors

Organ

118, 119-418, 419. Organ for Majors

160. Organ for Non-Majors

Instrumental

116, 117-416, 417. Instrumental Instruction-Individual instruction in orchestral instruments is available through ETSU.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

130. Chamber Singers

131A, 132A-431A, 432A. Milligan Men

131B, 132B-431B, 432B. Women's Ensemble

133, 134-433, 434. Concert Choir

Instrumental

106, 107. Instrumental Ensemble

109. Handbells

PHILOSOPHY

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401. Three hours of Humanities 202 may be applied toward the philosophy minor.

151. Introduction of Logic

290. Independent Study

301. History of Philosophy (ancient)

302. History of Philosophy (Modern)

303. History of Philosophy (Contemporary)

321. Ethics

331. Aesthetics

350. Comparative Religions (See Religion 350)

351. Philosophy of Religion

390. Mathematical Logic

401-402. Seminar Studies in Philosophy

446. Readings in Philosophy

495. Seminar

SPEECH AND THEATRE ARTS

Speech Communication

121. Fundamentals of Speech

275. Homiletics-(See Christian Ministries 275).

290. Independent Study

Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

140. Introduction to Ballet

- 151. Introduction to Theatre
- 340. Directing
- 341. Acting
- 342. Advanced Acting
- 490. Readings in Drama
- 491. Theatre Workshop
- 495. Seminar

Area of Professional Learning



Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

The Bachelor of Science degree with a major in accounting consists of 33 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, Accounting 311 or 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of 24 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

- 211-212. Introductory Accounting
- 301-302. Intermediate Accounting
- 311. Cost Accounting
- 312. Auditing
- 315. Not-For-Profit Accounting
- 411-412. Income Tax Accounting
- 415. Advanced Accounting: Theory
- 416. Advanced Accounting: Problems
- 491. Field Work

BUSINESS ADMINISTRATION AND ECONOMICS

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours including Accounting 211-212; Economics 201-202, 301, 451; and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours including Accounting 211-212. Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

- 290. Independent Study
- 304. Advertising
- 315. Marketing
- 316. Marketing Communications

- 321-322. Business Law**
- 331. Personal Marketing**
- 361. Principles of Management**
- 362. Personnel Management**
- 363. Industrial and Public Relations**
- 421. Business Ethics**
- 491. Field Work**
- 495. Seminar**

ECONOMICS

- 201-202. Principles of Economics**
- 290. Independent Study**
- 301. Corporate Finance**
- 304. Government and Business—(See Political Science 304).**
- 311. History of Economic Thought**
- 312. Economic History of the United States**
- 360. The U.S. Economy**
- 401. Labor Economics**
- 402. Public Finance**
- 403. Money and Banking**
- 451. Comparative Economic Systems**
- 495. Seminar**

COMPUTER SCIENCE

Required courses in the major are Computer Science 101, 204, 211, 311, 341, 431, 451, English 201, and Psychology 250 and 281.

Those with an emphasis in business must in addition complete Accounting 211, 212, Business Administration 315, 361, Computer Science 206, 331, 421, Economics 201, Math 213, and three hours of electives in Business Administration or Economics.

Students completing the mathematics emphasis must in addition to the basic requirements complete Computer Science 205, Math 321, 351, 408, and an additional 18 hours of mathematics.

The minor in Computer Science is Computer Science 101, 204, 205 or 206 or 211, 311, 431, 451, Math 213, and three hours of electives in Computer Science.

- 101. Survey of Computer Technology**
- 204. Introduction to Programming**
- 205. FORTRAN Programming Language**
- 206. COBOL Programming Language**
- 211. Pascal Programming Language**
- 221. The Microcomputer**
- 311. Database Management**
- 331. Management Planning and Control**
- 341. Structural Design Programming**
- 421. Systems Project Management**
- 431. Operating Systems**
- 451. Computers, Ethics, and Society**

OFFICE ADMINISTRATION

Bachelor Degree

Office Administration majors must complete 35 semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 480. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and either Business Administration 321 or Math 108 as well as the required education courses.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 155; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity; and three hours of electives in Office Administration.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 155; Office Administration 131-132*, 143-144*, 231-232, 331, 351, 352, 470, 472 and 475; two hours of physical education activity; and twenty hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

131. Basic Typing

132. Business Typing

143-144. Beginning Shorthand

231-232. Advanced Typing

243-244. Advanced Shorthand

275. Word Processing—Two or three semester hours.

331. Legal Office Typing

351. Business English

352. Communications in Business

360. Records Management

470. Administrative Office Management

472. Office Procedures

480. Office Automation

491. Field Work

495. Seminar

EDUCATION

Elementary Education Major

The major in Elementary Education is designed for those desiring a career as an elementary school teacher. The general education requirements for this major include: Bible 123, 124, 471; Humanities 101, 102, 201, 202; Psychology 155, 252; Biology 110; Physics 104; Sociology 201, 303; and two hours of physical education activities.

The Elementary Education major consists of Math 103, 104, 105; Speech 121; H&PE 203, 208, 311 (1 hour), 411; Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 407, 412, 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education: The *Biblical Studies* concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The *Social Studies* concentration consists of Political Science 311 and 15 hours of electives chosen from Sociology, Psychology, Economics, Geography, History, or Political Science with no more than 6 hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these 15 hours. The *Mathematics* concentration consists of Math 111, 112, 204, 211, 213, and 215. The *Science* concentration consists of Biology 360 and

twelve hours from the subareas of Biology and Chemistry-Physics. Biology electives are 120, 340, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 103, 104, 150, 251, and Physics 201 and 202. Both subareas must be represented in the electives. The *Foreign Language* concentration consists of English 312 and 18 hours beyond the elementary level of a foreign language. The *Language Arts* concentration consists of English 311, 402; Speech 151 or 340; and 12 hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: H&PE 411 or Sociology 303 and one hour of physical education activity; Math 103; 24 hours of professional education which must include Education 230, 317, 407, 471, 472, and 481; Psychology 252 and 404.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231, 315, 316, 432, 433, 434, and 435 (6 hours); Psychology 357 or 353 and 454; and H&PE 406.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

- 230. **Exceptional Children in the Public Schools**
- 231. **Psychology and Education of Exceptional Children**
- 252. **Developmental Psychology**—(See Psychology 252).
- 290. **Independent Study**
- 315. **Introduction to Reading**
- 316. **Teaching of Reading**
- 404. **Educational Psychology**—(See Psychology 404).
- 407. **History and Philosophy of Education**
- 411-412. **Materials and Methods of Elementary Education**
- 421. **Directed Teaching in the Elementary School**
- 432. **Learning Problems of Exceptional Children**
- 433. **Educational Procedures for Exceptional Children**
- 434. **Practicum in Special Education**
- 435. **Trends and Issues in Special Education**
- 441. **Early Childhood Education**
- 442. **Methods and Materials for Kindergarten**

- 443. **Early Childhood Practicum**
- 461. **Directed Teaching K through 12**
- 471. **Materials and Methods in Specific Secondary Subject Areas**
- 472. **Materials and Methods of Secondary Education**
- 481. **Directed Teaching in the Secondary School**
- 490. **Modern Educational Problems**

HEALTH AND PHYSICAL EDUCATION

A major in health and physical education consists of a minimum of 34 semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The minor in physical education consists of a minimum of 20 hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes Health and Physical Education 111, 211, 311, 411, Sociology 303, and Psychology 353 or 358.

- 111. **Personal Health**
- 151. **Team Sports**
- 152. **Team Sports**
- 153. **Golf and Racketball**
- 154. **Beginning Swimming**
- 155. **Beginning Badminton and Tennis**
- 156. **Intermediate Badminton and Tennis**
- 157. **Gymnastics, Stunts, and Tumbling**
- 158. **Snow Skiing**
- 159. **Horseback Riding**
- 161. **Archery and Racketball**
- 199. **Special Activity**
- 203. **Physical Education for Elementary Schools**
- 204. **Intermediate Swimming**
- 205. **Advanced Swimming and Senior Lifesaving**
- 206. **Water Safety Instructor Course**
- 207. **Conditioning Exercises and Weight Training**
- 208. **Folk Dance and Rhythmical Activities**
- 209. **Motor Learning**
- 211. **Community Health**
- 290. **Independent Study**
- 300. **Teaching Secondary School Physical Education**
- 301. **Teaching Individual and Dual Sports**
- 302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**
- 309. **Applied Physical Education (or Health)**
- 311. **Safety Education and First Aid**
- 312. **Introduction and History and Philosophy of Physical Education**
- 403. **Measurement and Evaluation in Physical Education**
- 404. **Organization and Administration of Health and Physical Education**
- 406. **Adaptive Physical Education**
- 409. **Recreational Leadership and Outdoor Education**
- 411. **Health Education**
- 490. **Special Problems**
- 491. **Field Work**
- 495. **Seminar**

Area of Scientific Learning



Dr. Charles Gee, Chairman

BIOLOGY

The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

A special concentration in Science is available only to those who are also majoring in Elementary Education. In addition to the science required of all students and the elementary education major the concentration consists of Biology 360 and twelve hours from the subareas of Biology and Chemistry-Physics. Biology electives are 120, 340, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 103, 104, 150, 251, and Physics 201 and 202. Both subareas must be represented in the electives.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

- 110. **General Biology**—An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
- 120. **Botany**
- 140. **Zoology**
- 210. **Genetics**
- 215. **Field Studies in Biology**
- 220. **Plant Taxonomy**
- 240. **Comparative Vertebrate Anatomy**
- 241. **Parasitology**
- 250-251. **Anatomy, Physiology, and Kinesiology**
- 290. **Independent Study**
- 310. **Biochemistry**—See Chemistry 310.
- 340. **Animal Physiology**
- 341. **Animal Histology**
- 342. **Vertebrate Embryology**
- 350. **Science for the Elementary School**
- 360. **Ecology**
- 362. **Vertebrate Field Biology**
- 380. **Microbiology and Immunology**
- 440. **Endocrinology**
- 490. **Research Problem**
- 495. **Seminar**

CHEMISTRY

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through Calculus 303; and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry
- 150. Inorganic Chemistry for Non-Majors
- 202. Quantitative Analysis
- 251. Organic and Physiological Chemistry
- 290. Independent Study
- 301-302. Organic Chemistry
- 310. Biochemistry
- 311. Organic Qualitative Analysis
- 401-402. Physical Chemistry
- 405. Advanced Inorganic Chemistry
- 490. Research Problem
- 495. Seminar

MATHEMATICS

The mathematics major leading to the Bachelor of Science degree consists of 36 semester hours which must include Math 211, 212, 303, and 24 additional hours of math courses numbered above 200. Especially recommended are Math 305, 307, 310, 314, 351, and 408. The college science requirement must be met by Physics 201, 202, and competency in a computer language is required.

The mathematics major leading to the Bachelor of Arts degree consists of 30 semester hours which must include Math 211, 212, 303, and 18 additional hours of math courses numbered above 200. Especially recommended are Math 305, 307, and 314. The college science requirement must be met by Physics 201, 202, and competency in a computer language is required. Candidates for the Bachelor of Arts degree must satisfy the college's foreign language requirement.

A minor shall consist of twenty-four semester hours which must include Math 211 and 212.

A special concentration in Mathematics is available only to those who are also majoring in Elementary Education. In addition to the Mathematics required in the Elementary Education major, the concentration includes Math 111, 112, 204, 211, 213, and 215; and three hours of electives in Mathematics.

- 090. Mathematics Laboratory
- 103. Fundamental Concepts
- 104. Fundamental Concepts
- 105. Materials and Methods in Elementary Mathematics
- 111. Algebra
- 112. Trigonometry
- 204. BASIC Programming Language
- 211. Calculus I
- 212. Calculus II
- 213. Statistics (Business Administration/Social Studies)
- 215. Modern Geometry
- 290. Independent Study
- 303. Multivariable Calculus
- 305. Differential Equations
- 307. Linear Algebra
- 308. Modern Algebra
- 310. Topology
- 314. Statistics (Mathematics/Sciences)
- 321. Computer Usage in Statistics
- 351. Mathematical Modeling
- 390. Mathematical Logic—(See Philosophy 390).
- 408. Numerical Analysis
- 411. Introduction to Analysis
- 415A, B, C. Independent Work in Mathematics

PHYSICS

- 104. Earth and Space Science
- 201-202. General Physics
- 290. Independent Study

Area of Social Learning



Dr. Robert Hall, Chairman

A special concentration in Social Studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major the concentration includes Political Science 311 and 15 hours of electives chosen from Sociology, Psychology, Economics, Geography, History, or Political Science with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these fifteen hours.

HISTORY

The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

- 271. History of Christian Missions—**(See Christian Ministries 271).
- 290. Independent Study**
- 301. History and Historians**
- 306. Medieval History**
- 309-310. American History**
- 311. History of Economic Thought—**(See Economics 311).
- 312. Economic History of the United States—**(See Economics 312).
- 321. History of the Renaissance**
- 324. History of Rome**
- 331-332. History of England**
- 333. History of Modern Germany: 1866-1945**
- 335. History of France—**A history covering modern France from 1848 to 1945 with special attention to the Paris Commune, the Dreyfusards, and the failure of France to meet the German challenge in 1940. Three semester hours.
- 341-342. Church History**
- 351. History of the Reformation**
- 361-362. History of Russia**
- 371. American Colonial Period**
- 376. Jefferson to Jackson**
- 379. The Gilded Age: 1877-1920**
- 381. The Revolutionary Era**
- 401-402. Intellectual History of the Western World**
- 421. History of the Ancient Near East**
- 422. Cultural History of the Ancient Near East**
- 424. Modern Near Eastern History**
- 431-432. Reformation of the Nineteenth Century**
- 445. Historical Research**
- 446. Historical Readings**
- 495. Seminar**

HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, and government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 30 hours plus 12 hours of a foreign language. A major in human relations requires a core program of 9 to 12 hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

*Sociology 201 (3 hours) Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies**	Track Four: Youth Leadership	Track Five: Government/Business Leadership
Required Courses: (12 hrs.) Psy. 259 Psy. 353 Psy. 401 Math 213	Required Courses: (9 hrs.) Soc. 210 Soc. 401 Soc. 451	Required Courses: (15 hrs.) Soc. 311 Soc. 403 Soc. 451 Soc. 491 (6 hrs.)	Required Courses: (12 - 15 hrs.) H&PE 409 Psy. 357 R.E. 321 H&PE 491 (3-6)	Required Courses: (21 hrs.) Pol. Sci. 203 B. Adm. 361 or 363 Econ. 201 Econ. 202 Pol. Sci. 304 or 311 Pol. Sci. 491 or B. Adm. 491
Suggested Electives: Any other Psychology Courses Math 204	Suggested Electives: Math. 213 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 413 Soc. 414 Soc. 421 Soc. 426 Soc. 456 Soc. 461 Soc. 490 Soc. 491	Suggested Electives: Psy. 252 Psy. 352 Psy. 353 Psy. 358 Psy. 401 Soc. 210 Soc. 311 Soc. 426 H&PE 203 Soc. 413 Soc. 426 Soc. 490 Soc. 491	Suggested Electives: Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 Soc. 426 H&PE 203 H&PE 300 H&PE 301 H&PE 302 H&PE 490	Suggested Electives: Other Accounting, B. Adm., Computer and Econ. courses Other Pol. Sci. courses Psy. 353 Soc. 426

**For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

*Not required for Track One.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three Social Agencies	Track Four: Youth Leadership
Required Courses: (15 hrs.) Psy. 250 Psy. 259 Psy. 350 Psy. 353 Soc. 201	Required Courses: (15 hrs.) Psy. 250 Soc. 201 Soc. 210 Soc. 303 Soc. 451	Required Courses: (15 hrs.) Soc. 201 Soc. 303 Soc. 311 Soc. 403 Psy. 250	Required Courses: (17 hrs.) H&PE 409 H&PE 491 (1-4) Psy. 250 R.E. 321 Soc. 201 Soc. 303
Recommended Electives: (3 hrs.) Math 213 Psy. 252 Psy. 357 Psy. 358 Soc. 303 Soc. 426 To be chosen with written approval of Track Chairman	Recommended Electives: (3 hrs.) Math 213 Psy. 350 Soc. 311 Soc. 314 Soc. 401 Soc. 426	Recommended Electives (3 hrs.) Pol. Sci. 304 Psy. 350 Psy. 352 Psy. 353 Psy. 458	Recommended Electives: (1 hr.) H&PE 111 H&PE 203, 300, or 301 Psy. 252 Psy. 353 R.E. 261 R.E. 318 Psy./Soc. 491 Soc. 311 Soc. 426
Other Possible Electives: Any other Psy. course Soc. 210 Soc. 360 Soc. 414	Other Possible Electives: Any other Soc. course	Other Possible Electives: B. Adm. 361 B. Adm. 363 B. Adm. 401 B. Adm. 402 Econ. 201-202 Psy. 401 Any other Soc. course	Other Possible Electives: Psy. 358 Psy. 404 Psy. 405 Psy. 458 R.E. 304 R.E. 308 Any other Soc. course

POLITICAL SCIENCE

The political science minor consists of eighteen hours which include 203, 304, 311, and 402 or 403, plus six hours of electives.

- 203. American National Government
- 290. Independent Study
- 304. Government and Business
- 311. State and Local Government
- 360. The Presidency
- 361. Domestic Politics
- 370. International Affairs
- 402. Political Theory (Ideology)
- 403. American Constitutional Law
- 490. Readings in Political Science
- 491. Field Work
- 495. Seminar

PSYCHOLOGY

- 092. Study Skills Laboratory
- 155. The Psychology of Adjustment
- 250. General Psychology
- 252. Developmental Psychology
- 259. Experimental Psychology
- 290. Independent Study
- 350. Social Psychology
- 352. Industrial and Business Psychology
- 353. Personality, Motivation, Development, and Assessment
- 357. Introduction to the Theory and Practice of Counseling
- 358. Abnormal Psychology
- 401. Systems and Theories
- 404. Educational Psychology
- 405. Theories of Learning
- 427. Perception and Physiological Psychology
- 452. Pastoral Counseling
- 454. Introduction to Psychological Testing
- 456. Reading Seminar in Psychology
- 490. Special Problems in Psychology
- 491. Field Work in Psychology
- 495. Seminar

SOCIOLOGY AND ANTHROPOLOGY

- 201. Introduction to Sociology
- 210. Introduction to Cultural Anthropology
- 290. Independent Study
- 303. Family
- 311. The Sociology of Crime and Delinquency
- 312. Juvenile Delinquency
- 314. Race and Ethnic Relations
- 321. **Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
- 350. **Social Psychology**—(See Psychology 350).
- 360. **Problems of Cross-Cultural Communication**
- 401. Sociological Research
- 403. Urban Sociology
- 413. Seminar in Aging and Retirement
- 414. Seminar in Kinship
- 421. Sociology of Religion
- 426. Sociology of Small Groups
- 451. Sociological Theory
- 456. Reading Seminar in Sociology and Anthropology
- 461. Dynamics of Culture Change
- 490. Special Problems in Sociology
- 491. Field Work in Sociology
- 495. Seminar

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Wallace Westhoff, Farmer, Lewistown, Missouri
John J. Wiggins, Insurance Executive, Plainfield, Indiana
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Robert Williams, Businessman, Jersey Shore, Pennsylvania
Ron Zimmerman, Executive, Allison Division, GM, Indianapolis, Indiana

FACULTY AND ADMINISTRATION 1983-84

MARSHALL J. LEGGETT, President
DEAN EVEREST WALKER, Chancellor
SHELBURNE FERGUSON, JR., Executive Vice President and Special Counsel
KENNETH W. OOSTING, Academic Dean
JACK SALE, Director of Development
HUGH IMBODEN, Acting Dean of Students
ROY H. SOMMER, Business Manager

Administration

PAUL BADER, Director of Financial Aid and Student Union Building Manager
BUFORD F. DEATON, Director of Church Relations
RON EVERSOLE, Director of Deferred and Planned Giving
PHYLLIS DAMPIER FONTAINE, Registrar
JOE P. McCORMICK, Assistant to the President
STEVEN L. PRESTON, Director of Learning Resources
GARY RICHARDSON, Director of Admissions
MARK RICHARDSON, Director of Alumni and Communications

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education
CHARLES W. GEE, Professor of Biology and Education
WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning, Professor of Bible and Joel O. and Mabel Stephens Professor of Bible
ROBERT B. HALL, Professor of Sociology
EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology
JOHN L. MORRISON, Professor of Education
EUGENE NIX, Professor of Chemistry
KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science
RICHARD PHILLIPS, Professor of Bible
EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration and Frank H. Knight Professor of Economics and Business
DUARD B. WALKER, Professor of Health and Physical Education
GARY O. WALLACE, Professor of Biology
HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History

Associate Professors

BERTRAM S. ALLEN, JR., Associate Professor of Psychology

PATRICIA JANE BONNER, Associate Professor of Health and Physical Education
and Director of Testing
ROWENA BOWERS, Associate Professor of Health and Physical Education
JEANETTE E. CROSSWHITE, Associate Professor of Music
TERRY J. DIBBLE, Associate Professor of English
W. DENNIS HELSABECK, JR., Associate Professor of Humanities and History
SUSAN GAYLE HIGGINS, Associate Professor of Sociology
HUGH IMBODEN, Associate Professor of Mathematics
JACK L. KNOWLES, Associate Professor of English
RICHARD D. LURA, Associate Professor of Chemistry
CAROLYN NIPPER, Associate Professor of English
EUEL J. OWNBY, Associate Professor of Education
IRA READ, Associate Professor of History
RON REED, Associate Professor of Health and Physical Education
BILL W. RHOADES, Associate Professor of Business Administration
R. DAVID ROBERTS, Associate Professor of Bible
DAVID C. RUNNER, Associate Professor of Music
DONALD SHAFFER, Associate Professor of German
CAROLYN WOOLARD, Associate Professor of French

Assistant Professors

TIM DILLON, Assistant Professor of History
F. WAYNE GRIFFITH, Assistant Professor of Business Administration
DOUGLAS PAUL GROSS, Assistant Professor of Music
JANICE F. HUANG, Assistant Professor of Mathematics
ANN ILES, Assistant Professor Humanities and English
LINDA L. KING, Assistant Professor of Health & Physical Education
VIRGINIA LAWS, Assistant Professor of Secretarial Science
JAMES LEE MAGNESS, Assistant Professor of Bible
NORMA J. MORRISON, Assistant Professor of Education
BILLIE B. OAKES, Assistant Professor of Library
BARBARA SEVIER, Assistant Professor of Humanities and Art
JAMES L. STREET, Assistant Professor of Psychology

Support Personnel

Julie Alexander, Admissions Counselor
Chuck King, Director of Buildings and Grounds
Opal Lyons, LPN, Campus Nurse
Tim Smith, Admissions Counselor
Cindy Wead, Admissions Counselor
W. Benjamin Winn, Director of Food Services

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ANNA MAY CROWDER, Assistant Professor Emeritus of English
ROBERT O. FIFE, Professor at Large
HOWARD A. HAYES, Professor Emeritus of Bible
W. DENNIS HELSABECK, Professor Emeritus of Counseling
IVOR JONES, Professor Emeritus of History
JUANITA JONES, Associate Professor Emeritus of English
JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library
JAMES L. SHIELDS, Professor Emeritus of Education
LONE L. SISK, Professor Emeritus of Chemistry
EARL STUCKENBRUCK, Associate Professor Emeritus of Bible
HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science
C. ROBERT WETZEL, Professor at Large

MILLIGAN COLLEGE CALENDAR

Summer Session, 1984

Registration	June 11
First Term Classes	June 11-July 11
Second Term Classes	July 12-August 10

Fall Semester, 1984

Dorms Open to Freshmen	August 25
Conference for Parents of Freshmen	August 25
Freshmen Orientation	August 25-28
Faculty Conference	August 27
Dorms Open to Upperclassmen	August 27
Advising and Registration	August 28-29
Classes Begin/Matriculation	August 30
Fall Break	5:00 p.m., October 10 to 8:00 a.m., October 15
Thanksgiving Holidays	5:00 p.m., November 21 to 8:00 a.m., November 26
Last Day of Classes	December 14
Final Examinations	December 17-20

Spring Semester, 1985

New Student Orientation	January 12
Advising and Registration	January 14-15
Classes Begin	January 16
Spring Break	5:00 p.m., March 15 to 8:00 a.m., March 26
Awards Convocation	May 7
Last Day of Classes	May 10
Final Examinations	May 13-16
Baccalaureate and Commencement	May 19

Summer Semester, 1985

Registration	June 10
First Term Classes	June 10-July 10
Second Term Classes	July 11-August 9



Milligan College

CATALOG
1985-1987

MILLIGAN COLLEGE

Milligan College, Tennessee 37682

(615) 929-0116

TABLE OF CONTENTS

Nature of the College	2
Student Life	7
Campus	12
Procedures	17
Admissions	18
Fees/Expenses	20
Financial Aid	22
General Academic Information	25
Degree Requirements	25
Areas of Instruction	33
Area of Biblical Learning	34
Area of Humane Learning	39
Area of Professional Learning	52
Area of Scientific Learning	68
Area of Social Learning	75
The Milligan Community	86

Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges
Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics
for Women
- Association for Schools, Colleges, and
University Staffing
- College Placement Council
- Christian College Coalition
- National Association of Intercollegiate
Athletics
- National Council for the Accreditation
of Teacher Education
- Southern Association of Colleges and
Schools
- Tennessee College Association
- Tennessee College Women's Sports
Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic
Conference
- Volunteer State Athletic Conference

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Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.



NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were

added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief



that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan students not living with their parents, grandparents, married brother or sister, or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters subjects the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Dean of Students. The rooms are subject to spot checks by the Head Resident. The Head Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which



will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester will be charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Head Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Head Resident is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor of the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. In addition to convocation services, Chapel services are held each week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocation.

The Missions Club is an organization of all students interested in the missionary

MILLIGAN COLLEGE, TN 37697

work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Campolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, and Dr. Robert J. Bull.

The P.H. Welshimer Lectures

The P.H. Welshimer Lectures were established by the late Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P.H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W.R. Walker	1973	Mildred Welshimer Phillips
1959	Ard Hoven	1974	Milligan College Faculty
1961	R.M. Bell	1975	Clarence Greenleaf
1963	James H. Jauncey	1977	David Thompson
1964	J.D. Murch	1978	Perry Gresham
1966	Marshall Leggett	1979	Mildred Welshimer Phillips
1967	John Baird	1980	Robert W. Burns
1968	James G. Van Buren	1984	William J. Richardson
1972	Joseph H. Dampier	1985	E. Ray Jones

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the yearbook of the College, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary



MILLIGAN COLLEGE, TN 37682

magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to club meetings to discuss topics related to their work.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minoring in science, but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family, who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Political Science Club is interested in discussing political issues, promoting political understanding, and exploring politically related careers.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The President's Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and swimming (as a club).

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond, softball and soccer fields, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a

flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Dean of Students, the Registrar, the Director of Admissions, and the Director of Financial Aid.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and the Director of Communications. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development and the Director of Alumni Affairs and Planned Giving.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T.P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The offices of the President and Executive Vice President are located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire — 192 feet above ground level — overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named the Marguerite Fierbaugh Lawson Science Center in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956. The Joe and Lora McCormick Dining Center will be under construction during 1985-86 as an addition to Sutton Hall.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in

CAMPUS BUILDINGS



Seeger Chapel



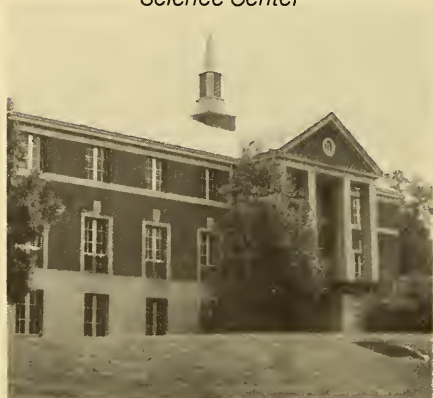
Little Hartland



*Marguerite Fierbaugh Lawson
Science Center*



Derthick Hall



P.H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

MISSOURI COLLEGE, THE 1700

America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. The building was renovated and modernized by Professor Owen Crouch in 1958 in memory of his father.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.

The John E. McMahan Student Center, provided by a generous gift of his wife Grace Hart McMahan, will be under construction during the 1985-86 year.



PROCEDURES



MISSOURI STATE COLLEGE IN 1987

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$15.00 and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Admission to Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Admission to the Evening College

Students who wish to enroll in Evening College who do not meet the standard admissions criteria may enroll as Special Students (see page 19). For additional information contact the Director of the Evening College.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the International Baccalaureate as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically or socially dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean.
2. The Academic Dean will examine the student's original records and any work done since his suspension and review social dismissals with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

Special students are those students who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the above categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If he satisfies the entrance requirements in full within two years from the time of admission, he may then become a candidate for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory

scores for the TOEFL exam and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book where they sign and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)				\$2228.00
Room Charges	Dorm	Single	Double	
	Hardin	\$482.00	\$398.00	
	Hart	\$545.00	\$440.00	
	Pardee	\$482.00	\$398.00	
	Sutton	\$545.00	\$440.00	
	Webb	\$545.00	\$440.00	

Board \$746.00

Student Activity Fee \$30.00

Tuition each academic hour over 17 \$130.00

A special fee schedule is charged for 1 to 11 hours.

A special fee schedule is charged for Evening College and Summer School.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees — Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 412, 472	\$ 5.00
Education 434, 443	10.00
Science Laboratory Fee	20.00
Psychology 253	10.00
Psychology 259	10.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301,311	5.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Music 221, 222	30.00
Reading Lab	5.00
Computer 101, 204, 205, 206, 211, 275, 311, 341, 431	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00

Tuition Charges in Applied Music

One semester hour	\$50.00
Two semester hours	\$65.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of \$15.00 is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve his place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

On the day of registration a down payment of one-half of the tuition, room and board (after deducting scholarships and grants and financial aid), plus other class fees.

The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration.

Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance, etc. may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$250.00 for the year.

Board

The cost of Board is \$726.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there will be a 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, will receive a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester will receive a 75% refund of his tuition and room rent. There will be no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester will receive a 50% refund of tuition and room. There will be no refund of fees. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

There will be no refund of tuition and room rent after the thirtieth day. In all cases a student will be charged only a pro rata share of board based on the number of days enrolled. This policy will be applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures will result in the forfeiture of all refunds.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and a Family Financial Statement (FFS) from the American College Testing Company. The Milligan Applications can be obtained from the Financial Aid Office at Milligan, and the Family Financial Statement can be obtained from Milligan or a high school counselor. All applications should be submitted prior to April 1 for priority consideration. Awards are made on a year-to-year basis, and applications must be submitted each year.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following

grant programs:

- Pell Grant
- Supplemental Educational Opportunity Grant
- State Student Incentive Grant—for residents of Tennessee, Pennsylvania and Vermont.

Campus Employment

Various campus jobs are available to students. Current minimum wage is credited to their accounts for the hours worked, up to the amount awarded. Milligan offers the following work programs:

- College Work/Study Program
- Milligan College Work Program

Loans

Several low-interest, government subsidized loans are available. Most are not to be repaid until the student completes school, with the interest accrual beginning with repayment. The following loan programs are available:

- National Direct Student Loan
- Guaranteed Student Loan Program
- Tennessee Teacher Loan/Scholarship—Tennessee residents only.
- Parents Loan for Undergraduate Students (PLUS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		ACT Score	Amount of Award	GPA Needed to Retain Award
Men	Women			
1475 and up	1461 and up	34 - 36	Full Tuition	3.5
1393 - 1474	1378 - 1460	32 - 33	75% of Tuition	3.3
1269 - 1392	1253 - 1377	29 - 31	50% of Tuition	3.1
1186 - 1268	1170 - 1252	27 - 28	25% of Tuition	2.8
1104 - 1185	1087 - 1169	25 - 26	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation and an essay on "How I Intend to Use My Life to Serve Christ." A minimum ACT of 18 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition held in the spring of each year.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$2,000 for a two year period are available to students who graduate from a high school within the counties listed. An ACT of 16, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years a 2.0 GPA is required.

Upper Division Area Scholarships are given to juniors and seniors in each academic area. Awards are based on the student's overall grade point average and

individual promise in his designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball, Women's Basketball and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Roger Lance Wood Scholarship is awarded to an outstanding business or economics major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Lula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and Education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to deserving young women who are preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarship is awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships are awarded to students who

have extreme need in excess of other financial aid available. New students must have an ACT of 20 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 31, 32, 34, or 35, Title 38 United States Code.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding his graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155, three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Speech 121 or an acceptable substitute.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 64 semester hours and is conferred in the field of Office Administration. A student seeking the AS Degree must complete

not fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, a specialized system of course offerings has been designed by dividing each semester into two terms. A student may take six semester hours during each eight week term during the evening, thereby enabling a student to complete twelve semester hours during one semester. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Director of the Evening College.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of

work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Communications, Computer Science, Elementary Education, English, Health Care Administration, Health and Physical Education, History, Human Relations, (includes Psychology, Sociology, Social Agencies, and Youth Leadership), Humanities, Mathematics, Missions, Music, Office Administration, and Youth Ministry. A student may declare as his major only those majors which are available at Milligan or available through one of the established co-operative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Church Music, Computer Science, English, French, German, Greek, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, Youth Leadership), Mathematics, Music & Theatre Arts, Office Administration, Philosophy, Spanish, and Theatre Arts.

A transfer student must take at least six semester hours in Milligan in his major field of study.



Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A—Excellent—four quality points for each semester hour.
- B—Good—three quality points for each semester hour.
- C—Average—two quality points for each semester hour.
- D—Poor—one quality point for each semester hour.
- S—Satisfactory—not computed in grade point average.
- F—Unsatisfactory—no quality points.
- U—Unsatisfactory—no quality points.
- W—Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (reading, writing, mathematics, and study skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency (see *Learning Skills*).

All graduating seniors are required to take the Graduate Record Exam available in December. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see *Education Area*).

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all such work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude,

based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward his academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College (see page 19).

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8; and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, freshman, sophomore, junior, and senior, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a

class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after the mid-term will be evaluated with the grade "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College or Minnesota Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three year program at Milligan may receive his baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the

humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean or the Nursing Adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, the University awards the degree.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. John L. Morrison.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. The Presidency—See Political Science 360.

361. Domestic Politics—See Political Science 361.

370. International Affairs—See Political Science 370.

ECONOMICS

360. The U.S. Economy—See Economics 360.

FIELD WORK

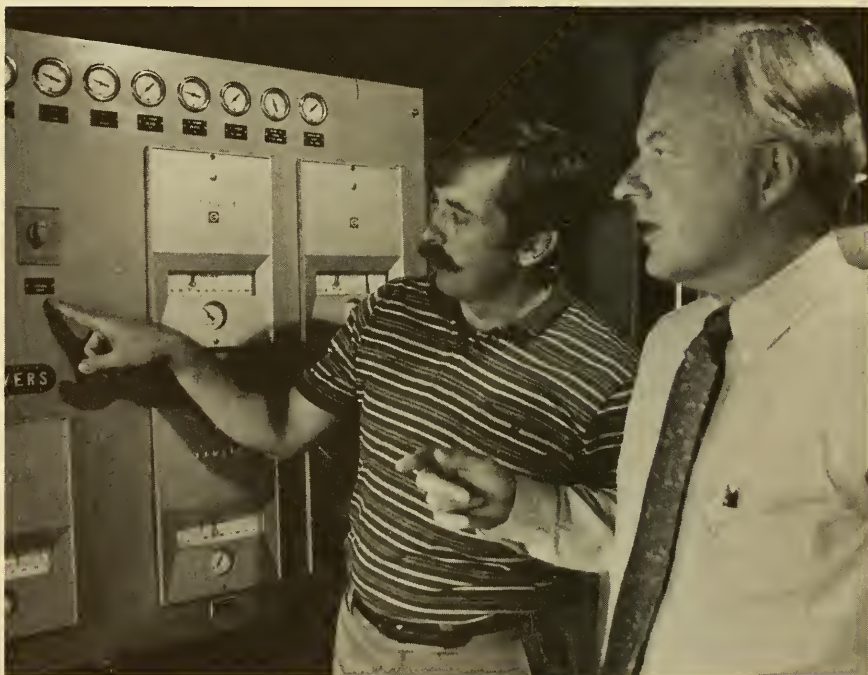
491. Field Work—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries Religious Education
 Religion Missions
 Bible

Area of Professional Learning

Education
 Economics Business Administration
 Office Administration Accounting
 Health & Physical Education
 Computer Science

Area of Humane Learning

Music Art English
 French Greek Spanish
 German Hebrew
 Humanities Speech & Theatre Arts Philosophy
 Communications

Area of Scientific Learning

Biology
 Physics Chemistry
 Mathematics

Area of Social Learning

History
 Psychology Sociology
 Human Relations Geography
 Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, and Reading will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics—see Mathematics 090.

Learning Skills 091 Reading—see Humanities 091.

Learning Skills 093 Writing—see Humanities 093.

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Area of Biblical Learning



Dr. Henry E. Webb, Chairman



BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (Bible 201 and 202); six hours of Old Testament; History 341-342, 431-432; Christian Ministries 280-281 (for two hours); and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, six hours of Advanced Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A Study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.

- 321. Later Pauline Epistles**—An exegetical study of Philipians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

CHURCH HISTORY

341-342. Church History—See History 341-342.

431-432. Reformation of the Nineteenth Century—See History 431-432.

CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan College.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

The Youth Ministries major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; Christian Ministries 217, 318, 321, 477, 261, 280, and 281.

217. Introduction to Youth Ministry—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This will include some practical experience and is intended both for those planning a career in Youth Ministry and those preparing for better church service. Three semester hours.

261. Introduction to Christian Education—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.

270. Introduction to Christian Missions—A study of the biblical and theological basis for missions, pointing out the implications of ecumenics,

anthropology, and changing world conditions for present missionary practice. Three semester hours.

- 271. History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.
- 321. Leadership Development Seminar**—An interdisciplinary course with Bible and Social Learning. It is mandatory for both Youth Ministry and Human Relations, Track IV majors, and it is designed to study skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
- 452. Pastoral Counseling**—See Psychology 452.
- 477. Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

- 350. Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion**—See Philosophy 351.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of biblical learning, since our understanding of the universe and our own place in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates

a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 275-276 Homiletics	4 hours
Christian Ministries 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	



Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, music, and humanities. A minor can be taken in French, German, English, Greek, Spanish, philosophy, music, and theatre arts.

ART

- 211. Calligraphy**—An introduction to letter forms. Two basic alphabets, Foundational Roman and Italic, will be studied. Variations will include Italic handwriting. Technique, creativity, and design will be emphasized. One to three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Fundamentals of Art**—An introductory study of the elements of art including subject, color, line, medium, organization, and style. Two semester hours.
- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

COMMUNICATIONS

The major in communications aims to prepare students for careers in the varied fields of oral and print communication. Each course and track within the major seeks to help students analyze and understand all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen career as professional communicators. The structure of this new major is currently being developed to be available initially for 1987 graduates.

SPEECH COMMUNICATION

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.

275. Homiletics—See Christian Ministries 275.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.

THEATRE ARTS

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

140. Introduction to Ballet—An introduction to ballet and modern dance with specific emphasis on basic dance techniques and practical application. Five class periods per week. Three semester hours.

151. Introduction to Theatre—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.

340. Directing—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

341. Acting—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.

342. Advanced Acting—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.

490. Readings in Drama—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.

491. Theatre Workshop—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

201. **Technical Written Communications**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and non-technical computer users. Not applicable toward the English major or minor. Two semester hours.
211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral readings is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.

- 435. Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
- 460. Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
- 461. Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent work for senior English majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 32).

FRENCH

The minor in French will consist of eighteen semester hours beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a

field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.
- 490. Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of the instructor. One to three semester hours per semester with a maximum of six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of eighteen semester hours beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variations through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of the instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of the instructor. One to three semester hours.

GREEK

The minor in Greek will consist of eighteen semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of eighteen semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes will be conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.

- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

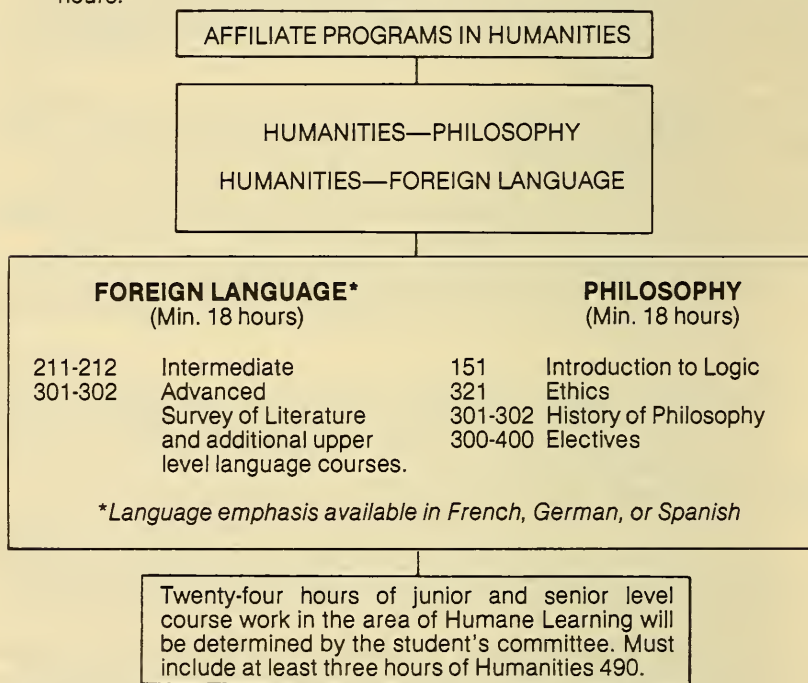
Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

- 091. Reading Laboratory**—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. Two semester hours.
- 093. Writing Laboratory**—A course providing extra instruction for freshmen students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.
- 101-102. Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
- 200. Humanities European Study Tour**—A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 201-202. Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.



Cast of "Barnum"

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363-4, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 221, 222, 451, 452, Education 230, 317, 404, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 399) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of five semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 462 (Hymnology), 301, a performing ensemble for two semesters, a primary applied area of concentration for four credit hours, a secondary applied area of concentration for two hours, and 481 for two credit hours.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

143-144. Basic Music Theory—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. Basic Ear Training—A freshman course covering identification, sight-singing, and dictation. One semester hour each semester.

221-222. Instrumental Methods—Basic performing, teaching, and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.

243-244. Advanced Music Theory—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

245-246. Advanced Ear Training—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.

301. Understanding Music—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.

351. Music in the Elementary School—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.

363. Basic Conducting—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 143 and 145. Two semester hours.

364. Advanced Conducting—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

381-382. Music History and Literature—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

385-386. Form and Analysis—A study of major forms of music. Two semester hours each semester.

451. Methods and Materials for Elementary Music—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.

- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

COMPREHENSIVE EVALUATIONS

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details).
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study (see Music Handbook for details).
- 399. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

APPLIED MUSIC

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 399. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

PIANO

- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

VOICE

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

ORGAN

- 118, 119-418, 419. Organ for Majors**—Individual instruction in organ. One hour lesson per week. Two semester hours each semester.
- 160. Organ for Non-Majors**—Individual instruction in organ. One half-hour lesson per week. May be repeated. One semester hour.

INSTRUMENTAL

- 116, 117-416, 417. Instrumental Instruction**—Individual instruction in orchestral instruments is available through ETSU (see page 32).

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

CHORAL

131A, 132A-431A, 432A. Milligan Men—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.

131B, 132B-431B, 432B. Women's Ensemble—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.

133, 134-433, 434. Concert Choir—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.

135, 136-435, 436. Chamber Singers—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.

INSTRUMENTAL

106-107. Instrumental Ensemble—Studying and performing literature of all periods. Three rehearsals per week. One semester hour each semester.

108. Orchestra—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one half hours. One semester hour.

109. Handbells—An introduction to basic performance technique, literature, and maintenance of Handbells. Two major concerts per semester plus a limited number of outside engagements. Three rehearsals per week. One semester hour.



PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401. Three hours of Humanities 202 may be applied toward the philosophy minor.

151. **Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
350. **Comparative Religions**—See Religion 350.
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
390. **Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Professional Learning



Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

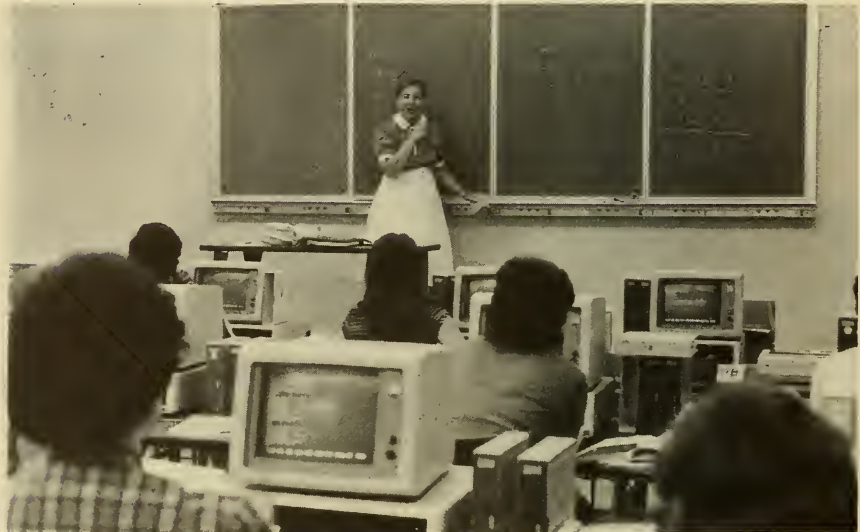
The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (Controllorship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of 33 semester hours which must include Economics 201-202, Accounting 211-212,



Accounting 301-302, Accounting 311 or 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of 24 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

211-212. Introductory Accounting—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting—A study of the use of accounting information for managerial decision purposes, with emphasis on the role of the Controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.

315. Not-For-Profit Accounting—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Income Tax Accounting—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

491. Field Work—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours including Accounting 211-212; Economics 201-202, 301, 451; and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours including Accounting 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 316. Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching his career objectives. Not applicable for any major or minor. One semester hour.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of

individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.

- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 421. Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
- 304. Government and Business**—See Political Science 304.
- 311. History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
- 360. The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.

- 401. Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the world in which we live. It is composed of four areas: Courses in computer science, courses in computer application science, courses in the development of interpersonal skills, and courses in an academic emphasis. Students are required to select an emphasis in either the fields of business administration or mathematics. Because it is interdisciplinary in nature, the computer science program includes within it both a major and a minor.

Required courses are Computer Science 101, 104, 211, 311, 341, 431, 451, two hours of electives in computer science, English 201, and six hours of psychology to be determined in consultation with the adviser.

Those with an emphasis in business must in addition complete Accounting 211, 212; Business Administration 315, 361; Computer Science 206, 331, 421; Economics 201; Math 213; and three hours of electives in Business Administration or Economics.

Students completing the mathematics emphasis must in addition to the basic requirements complete Computer Science 205; Math 314, 315, 351, 408; and an additional fifteen hours of mathematics.

The minor in Computer Science is Computer Science 101, 104, 205 or 206 or 211, 311, 431, 451; Math 213; and three hours of electives in Computer Science.

- 101. Survey of Computer Technology**—A survey of both the technical areas of computer processing and the user-oriented common applications of modern computer systems. The course also addresses some of the social and environmental problems surrounding the current explosive growth of computer usage today. Three semester hours.
- 104. Introduction to Programming (BASIC)**—An introduction to programming languages including common concepts. Standard and extended features of the BASIC language with applications in business, science, and social sciences are included. Two semester hours.
- 205. FORTRAN Programming Language**—A study of the FORTRAN computer language and its applications in the science. Laboratory use of a computer

is an integral part of the course. Three semester hours.

- 206. COBOL Programming Language**—A study of programming techniques appropriate to the preparation of business oriented computer systems using the COBOL (Common Business Oriented Language) programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Three semester hours.
- 211. Pascal Programming Language**—A study of the Pascal Programming Language. Laboratory use of the computer in designing, coding, debugging, and executing programs is an integral part of the course. Three semester hours.
- 221. The Microcomputer**—An analysis of the technology and capability of the microcomputer. For non-majors only. (One hour of application.) Offered alternate years. Three semester hours.
- 275. Word Processing**—A study of the current state-of-the-art word processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with selected word processing techniques. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
- 311. Database Management**—A study of the common approaches to computer system management of data including data structures, data administration, database management software, and data independence implementation. Prerequisites: Computer Science 101 and 104. Three semester hours.
- 331. Management Planning and Control**—A study of the concepts of planning and control that are commonly used in managing business activities: long-range planning, budgeting, short-range planning, operations feedback, monitoring techniques, and corrective action-taking. Emphasis is on computer-oriented management information systems. Three semester hours.
- 341. Structured Design and Programming Concepts**—A study of system design and implementation methodologies commonly used in progressive data processing organizations. Prerequisites: Computer Science 101 and 104. Three semester hours.
- 421. Systems Project Management**—An overview of the "Project" form of management structure and control. Emphasis is on the planning and control concepts and techniques that are particularly applicable in the management of system development and implementation projects. Prerequisites: Computer Science 331 and approval of the adviser. Three semester hours.
- 431. Operating Systems**—A study of operating system techniques including multiprogramming, queuing, scheduling, and peripheral device interrupts combined with an introduction to assembler level programming languages. Prerequisites: Computer Science 101 and 104. Three semester hours.
- 451. Computers, Ethics, and Society**—The study of the impact of the computer on society today and in the future and an evaluation of some of the legal and ethical implications of that impact. Offered alternate years. Three semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

A four-year Bachelor degree program with a major in Office Administration.

A two-year Associate in Science degree program with a major in Secretarial Services.

A two-year Secretarial Services Certificate program.

Bachelor Degree

Students may work toward the Bachelor of Science degree with a major in Office

Administration, or, by taking a foreign language through the intermediate year, may work toward a Bachelor of Arts degree with a major in Office Administration.

Office Administration majors must complete 35 semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 480. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and Business Administration 321, as well as the required education courses.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 155; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity courses; and three hours of electives in Office Administration.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 155; Office Administration 131-132*, 143-144*, 231-232, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twenty hours of general electives.

NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

131. **Keyboarding**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
132. **Business Typing**—Format and typing of personal correspondence, business correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 Gross Words Per Minute typing speed. Two semester hours.
- 143-144. **Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. **Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. **Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
275. **Word Processing**—See Computer Science 275.
331. **Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is

provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours each semester.

351. **Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the minds of the student the principles underlying effective business letters and to provide practice in applying these principles. Three semester hours.
352. **Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. Two semester hours.
360. **Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Machine coding systems, including the punched-card system, the KWIC Retrieval System, and coding-to-the-computer system are studied. Two semester hours.
470. **Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
472. **Office Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231-232 and 243-244. Three semester hours.
480. **Automated Business Applications**—A study of the use of computers in office administration and administrative services. Emphasis is placed on the management aspects of office automation, including information retrieval, graphics preparation, time management, financial controls, and employee information systems. Prerequisite: Accounting 211. Three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the teacher education student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do ten weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

The Milligan student is admitted to the teacher education program by completing an application, having a grade point average of 2.25 and completing the Pre-Professional Skills Test (PPST) with the Tennessee approved grade. The health form and the psychological test which are a part of the original admission to the College will be examined as a part of this teacher education admissions decision. Transfer students can begin taking education courses if they have a grade point average of 2.5. Admission for the transfer student should be completed during the first semester of enrollment. The PPST will be given each semester.

Education students must have a 2.5 grade point average in order to begin the semester which includes student teaching.

Persons admitted to teacher education must maintain a 2.25 grade point average through the junior year. Persons not maintaining a 2.25 grade point average will be on probation status in teacher education for the semester. Senior students will be required to have a 2.5 grade point in order to do senior teacher education courses.

Teacher education courses which require admission to teacher education are Health and Physical Education 203 and 300; Biology 350; Music 351, 451, and 452; Education 315, 316, 317, 404, 407, 421, 432, 433, 434, 441, 442, 443, 461, 471, 472, and 481.

A minimum of two semesters is required in the regular teacher education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Course work in Milligan allows students to be certified not only in Tennessee but also in states throughout the nation. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education.

National Teacher Examination

Students in the teacher education program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and 253, and either Education 315 or 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5

and expect to take only 18 hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

The student teaching experience is a ten week experience in an assigned school. The student will observe the schedule of the school instead of the Milligan College schedule while he is student teaching.

Special Arrangements of Education Courses

Elementary Education students should plan to enroll in a block arrangement three courses: Education 315, Introduction to Reading; Education 316, Diagnosis and Remediation in Reading; and English 354, Children's Literature. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for clinically diagnosing and teaching one child with reading problems, and a period of time to work with a reading group in the school.

The elementary education semester includes Education 230, (If the student has taken Education 231, this course is not required.); Education 404, 407, 412, and 421. The secondary education semester includes Education 230, 404, 317, 407, 472, 461 or 481. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in Elementary Education is designed for those desiring careers as elementary school teachers. The general education requirements for this major include: Bible 123, 124, 471; Speech 121; Humanities 101, 102, 201, 202; Psychology 155, 252 and 253; Biology 110; Physics 104; Geography 101; Sociology 201; and two hours of physical education activities.

The Elementary Education major consists of Math 103, 104, 105; Health and Physical Education 111, 203, 208, 311 (1 hour); Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 404, 407, 412, and 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education. The Biblical Studies concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 111, 112, 204, 211, 213, and 215. The Science concentration includes Biology 360 and a choice of three courses from the following: (Both biology and physical science should be represented in this choice.) Biology 120, 140, 210, 250, 251, 362; Chemistry 103, 104, 150, 251; Physics 201 and 202. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311, 402; Speech 151 or 340; and twelve hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary Education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students

completing the certification will also complete an academic major and an academic minor. The following areas are certification endorsement areas: Biology, Business, Chemistry, English, History, Mathematics, Psychology, Sociology, French, Spanish, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: Health and Physical Education 111; Sociology 303; one hour of physical education activity; Math 204; and 24 hours of professional education which must include Education 230, 317, 404, 407, 471, 472, 481, and Psychology 253. An English major must complete four credits in Education 317.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 204 to their general education program and the 24 hours of professional education. Music students should add, in addition to Mathematics 204, four hours of health and physical education (which may include Sociology 303) to their general education program and also include the 24 hours of professional education.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231, 315, 316, 432, 433, 434, 436, and 437; Psychology 357 or 353 and 454; and Health and Physical Education 406.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

- 230. Exceptional Children in the Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course includes a discussion of the mainstreaming approach to teaching exceptional children. Two semester hours.
- 231. Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. Developmental Psychology**—See Psychology 252 and 253.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 315. Introduction to Reading**—A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.

316. **Diagnosis and Remediation in Reading**—A study of the diagnosis of reading skills; objectives, methods, and materials for the correction of reading difficulties; and direct contact with children in tutorial and group teaching situations. Three semester hours.
317. **Secondary School Reading**—A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Two to four semester hours.
404. **Learning in the Schools**—A discussion of the application in the school of learning theory and testing principles. One semester hour.
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading, arithmetic, auditory, visual, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Education procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
435. **Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
436. **Speech for Exceptional Children**—A study of the normal and abnormal speech and language development including a survey of major speech disorders and a description of remediation for speech and language problems. Three semester hours.
437. **The Mentally Retarded Child**—A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year olds in all areas of development, the kindergarten program, curricula, routine activities, records, and parent-teacher relationships will be emphasized. Three semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.

- 461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
- 471. **Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
- 472. **Materials and Methods of Secondary Education**—Study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
- 481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 203, 204, or 205 or 206, 208, 209, 211, 300, 301, 311, 312, 403, 404, 406, and 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

- 111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
- 151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
- 152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.



153. **Golf and Racquetball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.

161. **Archery and Racquetball**—Knowledge and skill development in target archery and racquetball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategy designed to add in-depth understanding and preparation for coaching these sports at various levels. In addition to coverage of officiating, the course includes coaching philosophies and coach-player-team-school relationships. One to six hours with choice of sports.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.

- 311. Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One to three semester hours.
- 312. Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
- 403. Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
- 404. Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
- 406. Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
- 409. Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
- 411. Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended; and Physics 201 and 202.

A special concentration in Science is available only to those who are also majoring in Elementary Education. In addition to the science required of all students and the elementary education major the concentration consists of Biology 360 and twelve hours from the subareas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 103, 104, 150, 251, and Physics 201 and 202. Both subareas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

- 110. General Biology**—An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
- 120. Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
- 140. Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
- 210. Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.

- 215. Field Studies in Biology**—An analysis of selected biological problems and/or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
- 220. Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
- 240. Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward the Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 310. Biochemistry**—See Chemistry 310.
- 340. Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Four semester hours.
- 341. Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
- 342. Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
- 350. Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
- 360. Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: One semester of Biology. Four semester hours.
- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: One semester of Biology. Offered alternate years. Four semester hours.
- 380. Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.

- 440. Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisite: Twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 101, 102, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Math 303 and Physics 201 and 202 are also required.

The chemistry minor consists of twenty hours including Chemistry 101, 102, 301, 302, 303, 304, and four hours of chemistry electives.

- 101-102. General Chemistry**—A study of the principles of general chemistry including qualitative analysis. Prerequisite: Algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours of lecture and one three hour laboratory per week. Four semester hours each semester.
- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
- 150. Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 203. Instrumental Analysis**—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Four hours lecture and three hours laboratory per week. Four semester hours.
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 102. Three semester hours.

- 302. Organic Chemistry**—A study of the preparation properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
- 303. Organic Chemistry Laboratory**—An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
- 304. Organic Chemistry Laboratory II**—Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
- 310. Biochemistry**—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 102, 202, and Physics 201-202. Four semester hours each semester.
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
- 490. Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in Mathematics, the major shall consist of thirty semester hours, which must include Math 211, 212, 303 and eighteen additional hours of Math courses numbered above 200. Especially recommended are Math 305, 307, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in Mathematics, the major shall consist of thirty-six semester hours, which must include Math 211, 212, 303 and twenty-four additional hours of math courses numbered above 200. Especially recommended are Math 305, 307, and 314, as well as 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in Mathematics are strongly recommended to satisfy college science requirements with physics.

A minor in Mathematics shall require twenty-four semester hours which must include 211 and 212.

A special concentration in Mathematics is available only to those who are also majoring in Elementary Education. In addition to the mathematics required in the Elementary Education major, the concentration includes Math 111, 112, 204, 211, 213, and 215.

- 090. Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.
- 103. Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Three semester hours.
- 104. Fundamental Concepts**—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Three semester hours.
- 105. Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. This course is appropriate only for students majoring in elementary education. Two semester hours.
- 107. Principles of Mathematics**—An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.

111. **Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.
112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Prerequisite: Math 111 or equivalent. Three semester hours.
204. **BASIC Programming Language**—Standard and extended features of the BASIC language, with applications in business, science, and the social sciences. Laboratory use of a computer is an integral part of the course. Two semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean, and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 303. Offered alternate years. Three semester hours.
314. **Probability and Statistics I**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 212. Three semester hours.

- 315. Probability and Statistics II**—A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.
- 351. Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 305 and 307. Offered alternate years. Three semester hours.
- 390. Mathematical Logic**—A study of the methods and principles of formal logic and reasoning, including an introduction to the various types of fallacies, as well as an analysis of the different structures and forms of argument. Prerequisite: Math 212. Three semester hours.
- 408. Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 305 and a computer language. Offered alternate years. Three semester hours.
- 411. Introduction to Analysis**—A study of some of the following topics: Real and complex number systems, elements of point-set theory, convergence, continuity, differentiation, the Riemann integral, sequences and series of functions, measure, and generalized integration. Prerequisite: Math 310. Offered alternate years. Three semester hours.
- 415A, B, C. Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

- 104. Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. May not be used to satisfy the College's science requirement if Physical Science 103 has been completed. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 201-202. General Physics**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Algebra and trigonometry. Calculus recommended. Four semester hours each semester.
- 203-204. General Physics/Calculus**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Math 211. Offered alternate years. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning



Dr. Robert B. Hall, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in Social Studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

GEOGRAPHY

101. Introduction to Physical Geography—An introduction to the basic concepts of physical geography. The course will cover earth-sun relationships, elements of weather, controls of climate, soils and vegetation, and landforms. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes, retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the Social Sciences, with less interest in Business Administration, or the emphasis may be in the opposite direction. In this case the course work will be concentrated in the area of Business with fewer courses in the Social Sciences. A field work internship with an agency will be required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing in other states without re-examination.

Option 1 — Emphasis on Psychology and Sociology

Soc 201	Introduction to Sociology	3
303	Family	3
321	Sociology of Death and Dying	3
413	Seminar in Aging and Retirement	3
426	Sociology of Small Groups	3
491	Field Work	6
Psy 250	General Psychology	3
252	Developmental Psychology	3
353	Personality	3
357	Counseling	3
358	Abnormal Psychology	3
		<u>36 semester hours</u>
Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
B. Adm.	361 Principles of Management	3
	One of the following courses must be completed.	
B. Adm.	315 Marketing	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
		<u>18 semester hours</u>

Option 2 — Emphasis on Business Administration

Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
Econ.	301 Corporate Finance	3
B. Adm.	315 Marketing	3
	361 Principles of Management	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
	491 Field Work	6
		<u>36 semester hours</u>
Soc 201	Introduction to Sociology	3
321	Sociology of Death and Dying	3
413	Seminar in Aging and Retirement	3
Psy 250	General Psychology	3
252	Developmental Psychology	3
357	Counseling	3
		<u>18 semester hours</u>

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. History of Christian Missions—See Christian Ministries 271. Not applicable toward history major or minor.

290. Independent Study—Individual study to enable the student either to study

material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301. History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors and minors. One semester hour.
- 306. Medieval History**—A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. American History**—A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
- 311. History of Economic Thought**—See Economics 311.
- 312. Economic History of the United States**—See Economics 312.
- 321. History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 324. History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 333. History of Modern Germany: 1866-1945**—A study of modern Germany beginning with Bismark and German unification and ending with the defeat of Germany and the death of Hitler in 1945. Three semester hours.
- 335. History of France**—A history covering modern France from 1848 to 1945 with special attention to the Paris Commune, the Dreyfusards, and the failure of France to meet the German challenge in 1940. Three semester hours.
- 341-342. Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
- 351. History of the Reformation**—A study of the religious revolution of the sixteenth century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
- 361-362. History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
- 371. American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
- 376. Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events

which resulted in the emergence of the nation and the development of the frontier. Three semester hours.

- 379. The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.
- 381. The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 431-432. Reformation of the Nineteenth Century**—A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 445. Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
- 446. Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade point average of 3.0. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop programs in psychology, sociology, social agencies, and youth leadership. The B.S. degree requires thirty-six hours. The B.A. degree requires thirty hours plus twelve hours of a foreign language. A major in human relations requires a core program of nine hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

*Sociology 201 (3 hours) Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology

Required Courses: (12 hrs.)
Psy. 259
Psy. 353
Psy. 401
Math 213

Suggested Electives:
Any other Psychology courses
Math 204

Track Two: Sociology and Anthropology

Required Courses: (9 hrs.)
Soc. 210
Soc. 401
Soc. 451

Suggested Electives:
Math 213
Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 413
Soc. 414
Soc. 421
Soc. 426
Soc. 456
Soc. 461
Soc. 490
Soc. 491

Track Three: Social Agencies**

Required Courses: (15 hrs.)
Soc. 311
Soc. 403
Soc. 451
Soc. 491 (6 hrs.)

Suggested Electives:
Psy. 252
Psy. 352
Psy. 353
Psy. 358
Psy. 401
Soc. 210
Soc. 311
Soc. 312
Soc. 413
Soc. 426
Soc. 490
Soc. 491

Track Four: Youth Leadership

Required Courses: (12-15 hrs.)
H&PE 409
Psy. 357
R.E. 321
H&PE 491 (3-6)

Suggested Electives:
Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 421
Soc. 426
H&PE 203
H&PE 206
H&PE 300
H&PE 301
H&PE 302
H&PE 490

** For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

*Not required for Track One.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is eighteen hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three Social Agencies	Track Four: Youth Leadership
<p>Required Courses: (15 hrs.) Psy. 250 Psy. 259 Psy. 350 Psy. 353 Soc. 201</p>	<p>Required Courses: (15 hrs.) Psy. 250 Soc. 201 Soc. 210 Soc. 303 Soc. 451</p>	<p>Required Courses: (15 hrs.) Soc. 201 Soc. 303 Soc. 311 Soc. 403 Psy. 250</p>	<p>Required Courses: (17 hrs.) H&PE 409 H&PE 491 (1-4) Psy. 250 R.E. 321 Soc. 201 Soc. 303</p>
<p>Recommended Electives: (3 hrs.) Math 213 Psy. 252 Psy. 357 Psy. 358 Soc. 303 Soc. 426 To be chosen with written approval of Track Chairman</p>	<p>Recommended Electives: (3 hrs.) Math 213 Psy. 350 Soc. 311 Soc. 314 Soc. 401 Soc. 426</p>	<p>Recommended Electives: (3 hrs.) Pol Sci. 304 Psy. 350 Psy. 352 Psy. 353 Psy. 458</p>	<p>Recommended Electives: (1 hr.) H&PE 111 H&PE 203, 300, or 301 Psy. 252 Psy. 353 R.E. 261 R.E. 318 Psy./Soc. 491 Soc. 311 Soc. 426</p>
<p>Other Possible Electives: Any other Psy. course Soc. 210 Soc. 360 Soc. 414</p>	<p>Other Possible Electives: Any other Soc. course</p>	<p>Other Possible Electives: B. Adm. 361 B. Adm. 363 B. Adm. 401 B. Adm. 402 Econ. 201-202 Psy. 401 Any other Soc. course</p>	<p>Other Possible Electives: Psy. 358 Psy. 404 Psy. 405 Psy. 458 R.E. 304 R.E. 308 Any other Soc. course</p>

POLITICAL SCIENCE

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individualized study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
- 360. The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.
- 361. Domestic Politics**—The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
- 370. International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
- 402. Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired,

to pursue specialization in an interest area. The field of psychology has been undergoing very rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

155. **The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
253. **Developmental Psychology Laboratory**—An experience with developing children in a school setting. The student serves as a teacher assistant throughout the semester. One semester hour.
259. **Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three or four semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
352. **Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358 as a required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.
357. **Introduction to the Theory and Practice of Counseling**—A course designed for students to learn counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**—A treatment of growth and development of chil-

dren and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.

- 405. Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.
- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
- 454. Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving communication with other disciplines. One to three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of the instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



President's scholars

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and applications of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser or a member of the sociology faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan his curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

- 201. Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
- 321. Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
- 350. Social Psychology**—See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
- 360. Problems of Cross-Cultural Communication**—A study of inductive and

theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.

- 401. Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
- 403. Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
- 413. Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation of old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
- 414. Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
- 421. Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
- 426. Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
- 451. Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
- 456. Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
- 461. Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
- 490. Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and consent of the instructor. One to six semester hours.
- 491. Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY



President and Mrs. Marshall J. Leggett

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the college.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January, 1985

Charles E. Allen, Physician, Johnson City, Tennessee, *Chairman*
Robert E. Banks, Attorney, Elizabethton, Tennessee, *Secretary*
Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana
Theodore Cord, Minister, Fort Worth, Texas
Horace W. Dabney, Businessman, Louisville, Kentucky
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida
Henry Gruenberg, Retired, North Miami, Florida
Harry Guion, Retired, Indianapolis, Indiana
John Hart, Retired, Johnson City, Tennessee
Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky
Steve Lacy, Business Executive, Johnson City, Tennessee
C. Howard McCorkle, Educational Consultant, Johnson City, Tennessee
Mrs. L.W. McCown, Historian and Church Woman, Johnson City, Tennessee
Kent E. McQuiston, Accountant, Indianapolis, Indiana
Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee
W.V. Ramsey, Merchant, Mountain City, Tennessee
Henry Richardson, Businessman, Havre de Grace, Maryland
Geoffrey Salyer, Businessman, Elkhorn City, Kentucky
Donald Sams, Administrator, Mt. Healthy Christian Home, Cincinnati, Ohio
Ralph Small, Vice President, Standard Publishing Company, Cincinnati, Ohio
J. Marvin Swiney, President, Mountain Mission School, Grundy, Virginia
Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee
George O. Walker, Retired, Claremont, California
Eugene Wigginton, Representative, Standard Publishing Company, Cincinnati, Ohio
Lidy Wyatt, Hamilton Bank Executive, Johnson City, Tennessee
Harold Zimmerman, Retired, Indianapolis, Indiana

Trustees Emeriti

Samuel C. Bower, Physician, Mill Hall, Pennsylvania
Jack Covington, Contractor, Winston-Salem, North Carolina
Jordan Crouch, Executive, Nevada Bankers Association, Reno, Nevada
Leslie L. Lumsden, Retired, Punta Gordo, Florida and Elizabethton, Tennessee
W.H. MacDonald, Retired, Johnson City, Tennessee
Jack R. Musick, Circuit Court Judge, Elizabethton, Tennessee
Wade Patrick, Businessman, Johnson City, Tennessee
John U. Phelps, Minister, Clemmons, North Carolina
Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

The Advisers, January, 1985

Sylvan Amstutz, Businessman, Orrville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
Harold E. Armstrong, Minister, First Christian Church, Columbus, Indiana
John Banks, Attorney, Elizabethton, Tennessee
Ralph Edward Barker, Businessman, Bristol, Tennessee
Robert E. Belloir, Minister of Education, Southwest Christian Church, East Point,
Georgia
Philip Blowers, Attorney, Indianapolis, Indiana
David H. Boggs, Businessman, Davidsonville, Maryland
H. Joseph Bourne, Investment Counselor, Oak Brook, Illinois
Michael Brown, Student, Gainesville, Florida
Clyde Broyles, Businessman, Elizabethton, Tennessee
Reno Burlison, Contractor, Johnson City, Tennessee
John R. Carlson, Associate Minister, North Industry Christian Church, Canton, Ohio
Victor Carpenter, Businessman, Louisville, Kentucky
Ralph S. Carter, Minister, Cherry Avenue Christian Church, Charlottesville, Virginia
Samuel H. Clark, Jr., Retired, Bristol, Tennessee
William E. Clem, Businessman, Lexington, Kentucky
William R. Clem, Businessman, Lexington, Kentucky
Norman W. Conner, Minister, First Christian Church, Santa Ana, California
Gerald L. Cook, Businessman, Cincinnati, Ohio
Richard Crabtree, Minister, Academy Christian Church, Colorado Springs, Colorado
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Gary Deater, Hospital Administrator, Lebanon, Indiana
Ron DeLong, Businessman and Evangelist, Carmel, Indiana
D.E. DeTraz, Businessman, Tarpon Springs, Florida
Harold J. DeVault, Businessman, Concord, Tennessee
Robert Elliott, Assistant Superintendent of Schools, Kingsport, Tennessee
James L. Evans, Executive Director, European Evangelistic Society, Atlanta,
Georgia
William F. Faddock, Physician, Fayetteville, Georgia
Dennis L. Fulk, Businessman, Indianapolis, Indiana
Jack A. Gardner, Banker, Erwin, Tennessee
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis,
Indiana
John Hall, Student, Chicago, Illinois
Omer Hamlin, Librarian, University of Kentucky Medical School, Lexington,
Kentucky
Joseph Harper, Businessman, Ironton, Ohio
Marshall Hayden, Minister, Christian Church, Worthington, Ohio
Fred I. Head, U.S. Office of Economic Opportunity, Peachtree City, Georgia
Frank Heiling, Retired, Dallas, Texas
Max R. Hickerson, Minister, Spring Branch Christian Church, Houston, Texas
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert L. Huckstep, Businessman, Charlottesville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
L.N. Humphreys, Jr., Executive, Greeneville, Tennessee
Darla Irvin, Homemaker, Lock Haven, Pennsylvania
Don Jeanes, Associate Minister, First Christian Church, Johnson City, Tennessee
E.P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Sue Kettelson, Churchwoman, Simpsonville, South Carolina
Robert Kroh, Minister, Seattle, Washington
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
John Lecky, Associate Minister, Mountain Christian Church, Joppa, Maryland
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
Karl Marshall, Minister, Paris, Illinois
Robert E. Mays, Executive, Indianapolis, Indiana
Brewster McLeod, Youth Minister, Southland Christian Church, Lexington,
Kentucky

Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, Christian Church, Cambridge City, Indiana
John P. Mills, Minister, Church of Christ, Painesville, Ohio
Donald C. Moyer, Psychotherapist and Marriage/Family Counselor, Las Vegas,
Nevada
John Newman, Businessman, Louisville, Kentucky
William A. Nice, Physician, Bloomington, Indiana
William Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
John Orth, Physician, Joppa, Maryland
Robert W. Paswater, Minister, Castleton Christian Church, Indianapolis, Indiana
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Gary D. Porter, Administrator, Children's Home, Wooster, Ohio
Walter Puckett, Minister, Crown Point, Indiana
David Pugh, Teacher, Indianapolis, Indiana
Doug Ragsdale, Businessman, Elkhorn City, Kentucky
Robert Robinson, Insurance Executive, Indianapolis, Indiana
Charles H. Rock, Management Specialist, U.S. Army, Alexandria, Virginia
John C. Samples, Standard Publishing Company, Cincinnati, Ohio
James D. Saunders, Minister, Christian Church, Herrin, Illinois
Laurie Schreiner, Professor, Kentucky Christian College, Grayson, Kentucky
Ruth Settles, Retired, Louisville, Kentucky
Allen Sharp, United States District Court Judge, South Bend, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee
Frank S. Smith, Minister, Grandview Christian Church, Johnson City, Tennessee
Ronald S. Spotts, Businessman, Beech Creek, Pennsylvania
Max Stucker, Accountant, Chicago, Illinois
Dan Steucher, Associate Minister, First Christian Church, Largo, Florida
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City,
Tennessee
Thomas Tatham, Attorney, Miami, Florida
David C. Tysinger, Minister, Aragona Church of Christ, Virginia Beach, Virginia
Robert Walther, Minister, Perry Christian Church, Canton, Ohio
David Wantz, Director, Continuing Education, Indiana Central University,
Indianapolis, Indiana
David Wead, Minister, First Christian Church, Nashville, Tennessee
Mark H. Webb, Dentist, Bristol, Tennessee
Wallace Westhoff, Farmer, Lewistown, Missouri
John J. Wiggins, Businessman, Plainfield, Indiana
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Robert Williams, Teacher, Jersey Shore, Pennsylvania
Ron Zimmerman, Allison Gas Turbines, Indianapolis, Indiana



FACULTY AND ADMINISTRATION 1984-85

MARSHALL J. LEGGETT, President (1982)

B.A., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

DEAN EVEREST WALKER, Chancellor, (1950)

B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

SHELBURNE FERGUSON, Executive Vice President and Special Counsel (1984)
A.B., Milligan College; J.D., The University of Tennessee.

KENNETH W. OOSTING, Academic Dean (1976)

A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion; Stanford Graduate School of Business.

ROGER CLARK, Dean of Students (1984)

B.Ed., University of Evansville; M.A., Southern Illinois University.

JACK SALE, Director of Development (1984)

B.A., Milligan College.

LEONARD R. GALLIMORE, Director of the Evening College (1985)

B.A., Milligan College; M.A., East Tennessee State University; Ed.D., The University of Tennessee.

ROBERT R. TAYLOR, Acting Business Manager (1984)

B.S., East Tennessee State University; M.B.A., Michigan State University; Certified Public Accountant.

Administration

ELIZABETH M. BEGLEY, Director of Food Services (1984)

B.S., East Tennessee State University.

ROBERT DABNEY, Director of Admissions (1984)

B.S., Milligan College.

RON EVERSOLE, Director of Alumni and Deferred and Planned Giving (1981)

B.A., Cincinnati Bible Seminary.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

ELIZABETH SCHENK, Financial Aid Director (1984)

B.A., The University of Tennessee.

ROSEMARIE SHIELDS, Director of Public Relations (1984)

A.B., Milligan College; M.A., Illinois State University.

CHARLES R. SHUFFLER, Director of Maintenance and Security (1984)

B.S., North Carolina State University; The University of Tennessee.

ALICIA SLONE, Director of Women's Dormitories (1984)

University of Charleston; Radford University.

JOE D. SLONE, SR., Director of Computer Services (1984)

B.A., Emory and Henry; Virginia Polytechnic Institute; IBM Systems Research Institute.

KATHY SMITH, Director of Personnel and Mailroom Supervisor (1984)
B.S., Auburn University.

MIKE SMITH, Data Processing Manager (1981)
B.A., Northwest Christian College; Emmanuel School of Religion.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning, Professor of Bible and Joel O. and Mabel Stephens Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

RICHARD D. LURA, Professor of Chemistry (1971)
B.A., University of Wisconsin; Ph.D., Iowa State University.

EUGENE NIX, Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion; Stanford Graduate School of Business.

RICHARD PHILLIPS, Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.

DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.

GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)

B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

Associate Professors

BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)

B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)

B.S., M.A., East Tennessee State University; The University of Tennessee.

JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)

B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.

TERRY J. DIBBLE, Associate Professor of English (1971)

B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska

SUSAN GAYLE HIGGINS, Associate Professor of Sociology (1977)

B.A., Lincoln Christian College; M.A., Ph.D., Indiana University

JANICE F. HUANG, Associate Professor of Mathematics (1979)

A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.

HUGH IMBODEN, Associate Professor of Mathematics (1982)

B.S., University of Missouri-Columbia; M.A., Emporia State University; Ph.D., University of Missouri; Oklahoma State University.

JACK L. KNOWLES, Associate Professor of English (1970)

B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.

FREDDIE NEWSOME, Associate Professor of Accounting (1984)

B.B.A., M.B.A., Morehead State University; M.R.E., M.A., Liberty Baptist College. Certified Public Accountant.

CAROLYN NIPPER, Associate Professor of English (1966)

B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.

EUEL J. OWNBY, Associate Professor of Education (1961)

B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., The University of Tennessee.

RON REED, Associate Professor of Health and Physical Education (1982)

A.B., M.A., Morehead State University.

R. DAVID ROBERTS, Associate Professor of Bible (1982)

A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.

J. ROBERT ROSS, Associate Professor of Bible (1984)

B.S., Southeastern Louisiana University; B.D., Columbia Theological Seminary; Ph.D., Emory University.

DAVID C. RUNNER, Associate Professor of Music (1972)

B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)

B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg; Princeton Theological Seminary.

JOE D. SLONE, SR., Associate Professor of Computer Science (1984)

B.A., Emory and Henry; Virginia Polytechnical Institute; IBM Systems Research Institute.

CAROLYN WOOLARD, Associate Professor of French (1972)

B.A., Bridgewater College; M.A., University of Kentucky; University of Strasbourg; East Tennessee State University.

Assistant Professors

TIM DILLON, Assistant Professor of History (1982)

B.A., Milligan College; M.A., University of Wisconsin-Madison; Emmanuel School of Religion.

F. WAYNE GRIFFITH, Assistant Professor of Business Administration (1983)

B.S., Bethel College; M.Ed., Memphis State University; The University of Tennessee.

DOUGLAS PAUL GROSS, Assistant Professor of Music (1981)

B.A., Milligan College; M.A., Indiana University.

ANN ILES, Assistant Professor of Humanities and English (1982)

B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DIANE JUNKER, Assistant Professor of Chemistry (1984)

B.S., Milligan College; Baylor University; University of Pittsburgh.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)

B.A., Wittenberg University; M.Ed., Xavier University.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)

B.S., Milligan College; M.A., East Tennessee State University.

JAMES LEE MAGNESS, Assistant Professor of Bible (1983)

B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.

PATRICIA P. MAGNESS, Assistant Professor of Humanities (1984)

B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University.

NORMA J. MORRISON, Assistant Professor of Education (1982)

A.A., Indian River Junior College; B.A., Florida State University; M.A.T., East Tennessee State University; Milligan College; University of Oregon.

BILLIE B. OAKES, Assistant Professor of Library (1980)

B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

RICHARD L. ROAMES, Assistant Professor of Education (1985)

B.A., Milligan College; M.A., Wheaton College; University of Akron.

JAMES L. STREET, Assistant Professor of Psychology (1982)

A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Assistant Professor of Biology (1984)

B.S., East Tennessee State University; M.S., University of Kentucky; M.S., Cornell University; Ph.D., The University of Tennessee.

CAROLYN E. WALSH, Assistant Professor of Office Administration and Computer Science (1984)

B.S., M.A., East Tennessee State University.

Support Personnel

Julie Alexander, Admissions Counselor

Betsy Davis, Admissions Counselor/Office Manager

Opal Lyons, LPN, Campus Nurse

Tim Smith, Admissions Counselor

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

- ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.
- ROBERT O. FIFE, Professor-at-Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University; University of Glasgow.
- HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D.Min., Vanderbilt University.
- W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball State University; College of the Bible.
- IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., The University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- JUANITA JONES, Associate Professor Emeritus of English (1968)
B.A., Milligan College; M.A., The University of Tennessee; East Tennessee State University; University of Chicago.
- JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas (P.I.); George Washington University; Western Reserve University.
- JAMES L. SHIELDS, Professor Emeritus of Education (1959)
B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California-Long Beach; Ed.D., The University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- LONE L. SISK, Professor Emeritus of Chemistry (1948)
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A. George Peabody College; D.Sc., Milligan College; The University of Tennessee; Vanderbilt University.
- EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)
B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.
- C. ROBERT WETZEL, Professor-at-Large (1961)
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

- The Hoover-Price Trust Fund
- The McWane Foundation Fund
- The Waddy Trust Fund
- The Johnson City Endowment Fund
- The Corinna Smithson Cashman Fund
- The Adam B. Crouch Memorial Fund
- The Sarah Eleanor LaRue Hopwood Memorial Fund
- The Josephus Hopwood Memorial Fund

The C.W. Mathney Memorial Fund
The Frank P. Walthour, Sr., Memorial Fund
The Robert A. Balderson Memorial Fund
The Thomas Wilkinson Memorial Fund
The E.E. Linthicum Memorial Fund
The Elizabethton Endowment Fund
The Ministerial Scholarship Fund of the Erwin Christian Church
The Milligan College Building and Endowment Fund
The McCowan Fund
The Perry L. Gould Memorial Fund
The L.G. Runk Endowment Fund
The Milligan Alumni Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Aylette Rains Van Hook Memorial Fund
The Mary Harvey Taber Memorial Fund
The McCormick Fund
The Florence Ley Walker Memorial Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Foundation
The Barbara Mains Memorial Fund
The Wiley Wilson Memorial Fund
The B.D. Phillips Fund
The Milligan College Cemetery Association
The George Iverson Baker Memorial Fund
The Anna Lucas Kennedy Fund
The Sam Jack and Mary Ellen Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. and Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. Miller Memorial Fund
The Mary Hardin McCown Living Endowment Fund
The Dorothy S. Wilson Memorial Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H.O. Bolling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund
The Mrs. William Butler Van Hook Memorial Fund

The Clem Endowment Fund
The 1978 Class Fund
The John L. Kuhn Memorial Fund
The William E. Axamethy Memorial Fund
The Aileen V. Ellis Memorial Fund
The Edna L. Hedges Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The Harry A. Smith Memorial Fund
The 1979 Class Fund
The 1980 Class Fund
The Roy G. True Memorial Fund
The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Roger Lance Wood Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Mildred Welshimer Phillips Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The J. Carlston Weinbarger Fund
The Dr. Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The Rondah Y. Hyder Memorial Fund
The Wilfa B. Roberts Memorial Fund
The Dr. and Mrs. James O. Hale Endowment Fund
The W. Chamberlain Hale Memorial Fund
The Glen E. Best Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The Philip Clark Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the college which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois—THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Professor Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

MILLIGAN COLLEGE CALENDAR

Summer Session, 1986

Registration.....	June 9
First Term Classes.....	June 9 - July 9
Second Term Classes.....	July 10 - August 8

Fall Semester, 1986

Dorms Open to Freshmen.....	August 23
Conference for Parents of Freshmen.....	August 23
Freshmen Orientation.....	August 23 - 26
Faculty Conference.....	August 25
Dorms Open to Upperclassmen.....	August 25
Advising and Registration.....	August 26 - 27
Classes Begin/Matriculation.....	August 28
Fall Break.....	5:00 p.m., October 15 to 8:00 a.m., October 20
Thanksgiving Holidays.....	5:00 p.m., November 26 to 8:00 a.m., December 1
Last Day of Classes.....	December 12
Final Examinations.....	December 15 - 18

Spring Semester, 1987

New Student Orientation.....	January 10
Advising and Registration.....	January 12 - 13
Classes Begin.....	January 14
Spring Break.....	5:00 p.m., March 20 to 8:00 a.m., March 31
Awards Convocation.....	May 7
Last Day of Classes.....	May 8
Final Examinations.....	May 11 - 14
Baccalaureate and Commencement.....	May 17

Summer Session, 1987

Registration.....	June 8
First Term Classes.....	June 8 - July 8
Second Term Classes.....	July 9 - August 7

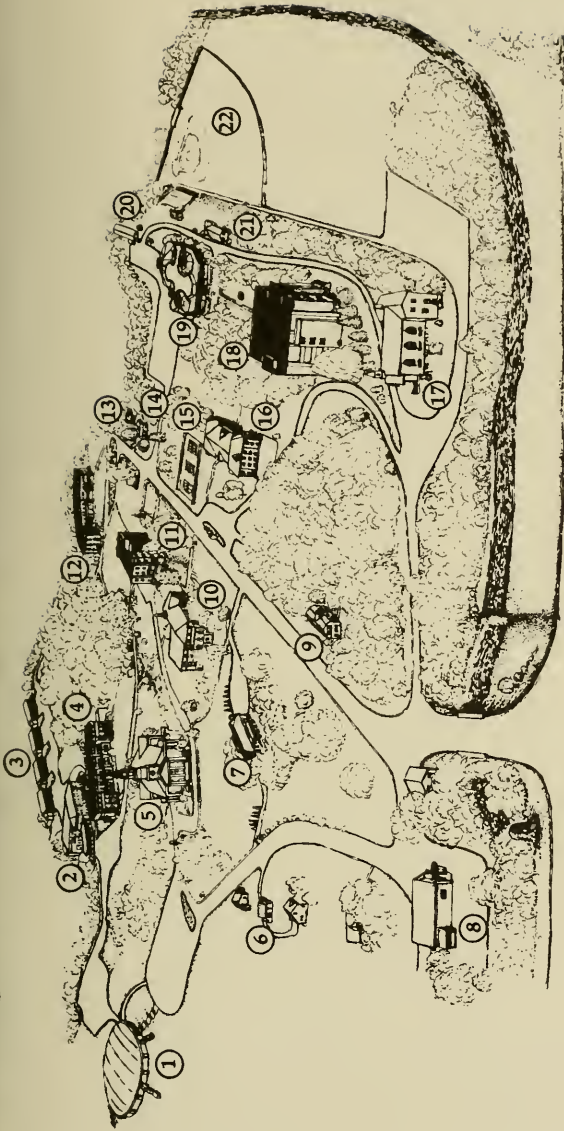
INDEX

Academic Information	25	History	76
Accounting	52	Home Economics Education	31
Administrative Officers	90	Honors	28
Admissions	18	Human Relations	79
Advance Deposit	21	Humanities	45
Advanced Placement	18	Laboratory Fees	20
Advisers (Academic)	26	Majors and Minors	26
Application Fee	21	Married Student Housing	7
Applied Music	49	Mathematics	72
American Studies Program	31	Medical and Law Students	30
Area of Biblical Learning	34	Medical Technology	31
Area of Humane Learning	39	Memberships Inside Front Cover	
Area of Professional Learning	52	Milligan Community	86
Area of Scientific Learning	68	Missions	37
Area of Social Learning	75	Mortuary Science	30
Areas of Instruction	33	Music	47
Art	39	National Teacher Examinations	60
Athletics	12	Nature of the College	2
Audit	19	Nursing	31
Automobiles	8	Office Administration	57
Bible	35	Payment of Accounts	21
Biology	68	Philosophy	51
Board	22	Physics	74
Board of Advisers	88	Political Science	81
Business and Economics	54	Practice Room/Instrument Rent	21
Business Administration	54	Probation	29
Calendar	97	Procedures	17
Campus	12	Professional Organizations	11
Ceremony of Matriculation	20	Psychology	81
Certification	60	Publications	10
Character of the College	4	Recreational Organizations	11
Chemistry	70	Refunds	22
Christian Ministries	36	Religion	37
Church Music	48	Religious Education	36
Classification	29	Religious Life	9
Class Attendance	26	Reports	29
Communications	39	Representative Organizations	10
Computer Science	56	Required Courses	25
Conduct	7	Requirements for a Degree	25
Convocations	26	Residence	7
Co-operative Programs	30	Returning Students	19
Correspondence Credit	28	R.O.T.C.	31
Dormitories	8	Scholarships	23
Early Childhood Education	62	Secondary Education	61
Economics	55	Secretarial Science (see Office Administration)	
Education	60	Social Activities	8
Elementary Education	61	Sociology/Anthropology	84
Endowed Chairs	96	Spanish	44
Endowment Funds	94	Special Education	62
Engineering	30	Special Students	19
English	40	Specific Objectives	6
Evening College	26	Speech	39
Expenses	20	Staley Lectures	10
Faculty	90	Student Life	7
Fees	20	Student Teaching	60
Financial Aid	22	Studies Abroad	32
Foreign Language	42	Testing Services	28
Foreign Students	19	Textbooks	21
French	42	Theatre Arts	40
Geography	75	Transcripts	29
G.I. Bill	25	Transfer Students	18
German	43	Trustees	87
Grade Point Average	28	Tuition	20
Greek, Hebrew	44	Welshimer Lectures	10
Health	9	Westwood Foundation	31
Health Care Administration	75	Withdrawal	29
Health and Physical Education	64	Youth Ministries	36
Heritage	3		

NOTES

NOTES

Milligan College Campus



Key

- | | | |
|----------------------------|-----------------------------------|-----------------------------|
| 1. Lacy Fieldhouse | 9. Hospitality House | 17. Hopwood Church |
| 2. Hart Hall | 10. Welshimer Library | 18. Derthick Hall |
| 3. Married Student Housing | 11. Parade Hall | 19. Lawson Science Center |
| 4. Sutton Hall | 12. Webb Hall | 20. Faculty Office Building |
| 5. Seeger Chapel | 13. Children's Learning Center | 21. Student Union Building |
| 6. Practice House | 14. Clinic/Evening College Office | 22. Anglin Field |
| 7. Little Hartland | 15. Tennis Courts | |
| 8. Post Office | 16. Hardin Hall | |



MILLIGAN COLLEGE,
TENNESSEE

Milligan College

Catalog
1987-1988

MILLIGAN COLLEGE

Milligan College, Tennessee 37682
(615) 929-0116

TABLE OF CONTENTS

Nature of the College	2
Student Life	7
Campus	13
Admissions	18
Fees/Expenses	20
Financial Aid	23
General Academic Information	26
Degree Requirements	26
Areas of Instruction	34
Area of Biblical Learning	35
Area of Humane Learning	40
Area of Professional Learning	54
Area of Scientific Learning	73
Area of Social Learning	81
The Milligan Community	93

Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics for Women
- Association for Schools, Colleges, and University Staffing
- College Placement Council
- Christian College Coalition
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee College Association
- Tennessee College Women's Sports Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference

Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.



P.H. WELSHAWER MEMORIAL LIBRARY
MILLIGAN COLLEGE, TN 37682

NATURE
OF THE
COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently



disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history.

This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for its students the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

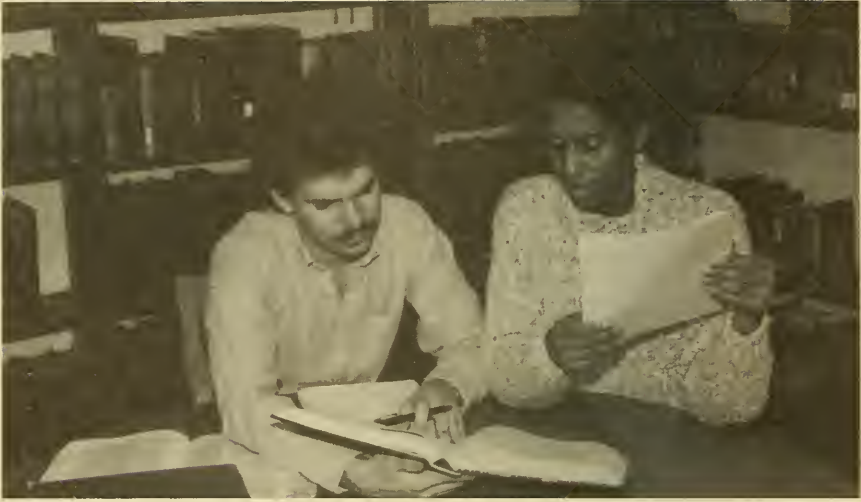
Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if and when necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.



Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.

5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor of the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local

physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.



The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefvt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewalt, and Dr. Keith Schoville.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical professions. Physicians and specialists in the medical and allied profession are invited to club meetings to discuss topics related to their work.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minoring in science, but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, was organized in an effort to promote the sport of swimming and related activities on campus as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Political Science Club is interested in discussing political issues, promoting political understanding, and exploring politically related careers.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The McMahan Student Center serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to those on campus who need to borrow money.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This



Seeger Chapel

CAMPUS BUILDINGS



Little Hartland



*Marguerite Fierbaugh Lawson
Science Center*



Derthick Hall



P.H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Dean of Students, the Registrar, the Director of Admissions, and the Director of Financial Aid.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, and the Director of Testing. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Development, the Director of Alumni Affairs/Public Relations, and Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T.P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955. Student activities moved in the spring of 1987 to the new McMahan Student Center. The former Student Union building will be used to house the communications program.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire — 192 feet above ground level — overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named the Marguerite Fierbaugh Lawson Science Center in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and con-

necting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The Crouch Memorial Building is located near the bridge at the main entrance. The building was renovated and modernized by Professor Owen Crouch in 1958 in memory of his father.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the College President.

The McMahan Student Center, a gift of Grace Hart McMahan in memory of her husband, John E. McMahan, is the newest facility on campus. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, career resource center, SGA conference room, hair care center, and offices for campus activities and intramurals.



McMahan Student Center

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$20.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission to Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Admission to the Evening College

Students who wish to enroll in Evening College who do not meet the standard admissions criteria may enroll as Special Students (see page 19). For additional

information contact the Academic Dean.

Advanced Placement

Milligan College recognizes the Advanced Placement Program, (AP), the College Level Examination Program (CLEP), and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may after one semester reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissals with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During

that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.

3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requiremens have been met, including the orientation activities at the beginning of the year, the candidate for admission may particiapte in the Ceremony of Matriculation.

Maticulation Day ordinarily is during the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book where they sign and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)				\$2328.00
Room Charges	Dorm	Single	Double	
	Hardin	\$482.00	\$398.00	
	Hart	\$545.00	\$440.00	
	Pardee	\$482.00	\$398.00	
	Sutton	\$545.00	\$440.00	
	Webb	\$545.00	\$440.00	
Board				\$746.00
Student Activity Fee				\$30.00
Tuition for each academic hour over 17				\$135.00

A special fee schedule is charged for 1 to 11 hours.
 A special fee schedule is charged for Evening College and Summer School.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special previleges:

Laboratory Fees—Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 412, 472	\$ 5.00
Education 434, 443	10.00
Science Laboratory Fee	20.00
Psychology 253	10.00
Psychology 259	10.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301, 311	5.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Reading Lab	5.00
Computer 101, 104, 211, 212, 215, 275, 310, 311, 322, 380, 431	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00

Tuition Charges in Applied Music

One semester hour	\$50.00
Two semester hours	\$65.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of \$20.00 is required with the application for admission to the College. This fee is not refunded. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve a place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00

Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

On the day of registration a down payment of one-half of the tuition, room and board (after deducting scholarships and grants and financial aid), plus other class fees.

The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration.

Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance, etc. may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$250.00 for the year.

Board

The cost of Board is \$726.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there will be a 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, will receive a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester will receive a 75% refund of his tuition and room rent. There will be no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester will receive a 50% refund of tuition and room. There will be no refund of fees. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

There will be no refund of tuition and room rent after the thirtieth day. In all cases a student will be charged only a pro rata share of board based on the number of days enrolled. This policy will be applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures will result in the forfeiture of all refunds.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered and if financial need is demonstrated, Milligan will attempt to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and a Family Financial Statement (FFS) from the American College Testing Company. The Milligan Applications can be obtained from the Financial Aid Office at Milligan, and the Family Financial Statement can be obtained from Milligan or a high school counselor. All applications should be submitted prior to April 1 for priority consideration. Awards are made on a year-to-year basis, and applications must be submitted each year.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

- Pell Grant

- Supplemental Educational Opportunity Grant

- State Student Incentive Grant—for residents of Tennessee, Pennsylvania and Vermont.

Campus Employment

Various campus jobs are available to students. The wages vary, but students work an average of ten hours per week. Milligan offers the following work programs:

- College Work/Study Program

- Milligan College Work Program

Loans

Several low-interest, government subsidized loans are available. Most are not to be repaid until the student completes school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan
 Guaranteed Student Loan Program
 Tennessee Teacher Loan/Scholarship—Tennessee residents only.
 Parents Loan for Undergraduate Students (PLUS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		ACT	Amount	GPA Needed to
Men	Women	Score	of Award	Retain Award
1475 and up	1461 and up	34-36	Basic Tuition	3.5
1393-1474	1378-1460	32-33	75% of Tuition	3.3
1269-1392	1253-1377	29-31	50% of Tuition	3.1
1186-1268	1170-1252	27-28	25% of Tuition	2.8
1104-1185	1087-1169	25-26	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation and an essay on "How I Intend to Use My Life to Serve Christ." A minimum ACT of 18 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition held in the spring of each year.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$2,000 for a two year period are available to students who graduate from a high school within the counties listed. An ACT of 16, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years a 2.0 GPA is required.

Upper Division Area Scholarships are given to juniors and seniors in each academic area. Awards are based on the student's overall grade point average and individual promise in his designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball, Women's Basketball and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Lula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and Education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarships are awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the Harold W. Scott Memorial Scholarships, and the Donald Gally Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an ACT of 20 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student

from Johnson County.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 31, 32, 34, or 35, Title 38 United States Code.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding his graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science Degree requires 64 semester hours and is conferred in the field of Office Administration. A student seeking the AS Degree must complete not fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, a specialized system of course offerings has been designed by dividing each semester into two terms. A student may take six semester hours during each eight week term during the evening, thereby enabling a student to complete twelve semester hours during one semester. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Com-

puter Science. Those desiring additional information concerning Evening College should contact the Academic Dean.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The students must have their schedule of classes approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Communications, Computer Science, Elementary Education, English, Health Care Administration, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, and Youth Leadership), Humanities, Mathematics, Missions, Music, Office Administration, and Youth Ministry. A student may declare as his major only those majors which are available at Milligan or available through one of the established co-operative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Computer Science, English, French, German, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, Youth Leadership), Mathematics, Music, Music & Theatre Arts, Office Administration, Philosophy, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in his major field of study.



Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A—Excellent—four quality points for each semester hour.
- B—Good—three quality points for each semester hour.
- C—Average—two quality points for each semester hour.
- D—Poor—one quality point for each semester hour.
- S—Satisfactory—not computed in grade point average.
- F—Unsatisfactory—no quality points.
- U—Unsatisfactory—no quality points.
- W—Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (reading, writing, mathematics, and study skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency (see *Learning Skills*).

All graduating seniors are required to take the Graduate Record Exam available in December. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see *Education Area*).

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan or who fails to have a 2.0 cumulative grade point average will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward his academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College (see page 19).

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8, and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman, sophomore - 26 hours, junior - 58 hours, senior - 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters or ninety hours in residence in Milligan College.

Fulfillment of all general education requirements and completion of a minor.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College or Minnesota Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school.

Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three year program at Milligan may receive his baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean or the Nursing Adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is deter-

mined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department at East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, the University awards the degree.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. John L. Morrison.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

- 360. **The Presidency**—See Political Science 360.
- 361. **Domestic Politics**—See Political Science 361.
- 370. **International Affairs**—See Political Science 370.

ECONOMICS

- 360. **The U.S. Economy**—See Economics 360.

FIELD WORK

- 491. **Field Work**—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.

AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries Missions
Religion Bible
Religious Education

Area of Professional Learning

Education
Economics Business Administration
Office Administration Accounting
Health & Physical Education
Computer Science

Area of Humane Learning

Music Art English
French Greek Spanish
German Hebrew
Humanities Speech & Theatre Arts Philosophy
Communications

Area of Scientific Learning

Biology
Physics Chemistry
Mathematics

Area of Social Learning

History
Psychology Sociology
Human Relations Geography
Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, and Reading will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics—see Mathematics 090.

Learning Skills 091 Reading—see Humanities 091.

Learning Skills 093 Writing—see Humanities 093.

Area of Biblical Learning



Dr. Henry E. Webb, Chairman

BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty-one hours which must include six hours of New Testament (Bible 201 and 202); six hours of Old Testament; History 341-342, 431-432; Christian Ministries 280-281 (for two hours); and Christian Ministries 273 and 276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.

202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Later Pauline Epistles**—An exegetical study of Phillipians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**—An exegetical study of 1, 2, and 3 John and Revelation. Three semester hours.
- 351-352. **The Pentateuch**—A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
- 411-412. **Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
421. **Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

CHURCH HISTORY

341-342. **Church History**—See History 341-342.

431-432. **Reformation of the Nineteenth Century**—See History 431-432.

CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and may be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Christian Education major consists of three hours of Old Testament electives; Bible 201, 202; History 341, 342, 431; and Christian Ministries 261, 304, 308, 217, 273, 280 and 281.

The Youth Ministries major consists of three hours of Old Testament electives; Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 318, 321, 261, 273, 280, and 281.

The minor in Christian Education includes Bible 201, 202, and three hours of Old Testament electives; History 341, 342; and Christian Ministries 261 and either Christian Ministries 304 or 308.

The minor in Youth Ministry requires three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either Christian Ministries 318 or 321.

The Christian Ministry minor requires Bible 201, 202; three hours of Old Testament electives; History 341, 431; and Christian Ministries 273, 276, and 415.

217. Introduction to Youth Ministry—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This will include some practical experience and is intended both for those planning a career in Youth Ministry and those preparing for better church service. Three semester hours.

261. Introduction to Christian Education—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.

270. Introduction to Christian Missions—A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. History of Christian Missions—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.

273. Introduction to Ministry—A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, wedding, funerals, etc.). Required for all Bible and ministry majors. Three semester hours.

276. Homiletics—A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.

- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
- 321. Leadership Development Seminar**—An interdisciplinary course with Bible and Social Learning. It is mandatory for both Youth Ministry and Human Relations, Track IV majors, and it is designed to study skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
- 415. Studies in Contemporary Evangelism**—A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.

RELIGION

- 350. Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion**—See Philosophy 351.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of biblical learning, since our understanding of the universe and our own place in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also

necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty adviser and respective Area Chairman, work toward a double major and/or a double minor. The missions major will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	



Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, speech and theatre, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of communications, English, music, and humanities. A minor can be taken in French, German, English, Spanish, philosophy, music, and theatre arts.

ART

201. **Elementary Drawing and Painting**—Fundamentals in drawing and painting. Three semester hours.
211. **Calligraphy**—An introduction to letter forms. Two basic alphabets, Foundational Roman and Italic, will be studied. Variations will include Italic handwriting. Technique, creativity, and design will be emphasized. One to three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Fundamentals of Art**—An introductory study of the elements of art including subject, color, line, medium, organization, and style. Two semester hours.
305. **Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
311. **Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

COMMUNICATIONS

The major in communications aims to prepare students for careers in the varied fields of oral and print communication. Each course and track within the major seek to help students analyze and understand all forms of written and oral com-

munication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen career as professional communicators. The structure of this new major is currently being developed.

THEATRE ARTS

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

101. **Fundamentals of Oral Presentation**—A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
141. **Fundamentals of Voice/Stage Movement**—A survey course introducing the student to major vocal production and stage movement theorists. Also included will be LeCog-based mask work and introduction to stage dialects and stage combat. Three semester hours.
151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
340. **Fundamentals of Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
341. **Fundamentals of Acting**—A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
342. **Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
470. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in theatre arts. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. Open to juniors and seniors only. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular

course offerings. Topics considered vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.

402. **Short Story**—A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of medieval English literature from *Beowulf* to *Morte d'Arthur* along with two background documents from Plato and Boethius. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
460. **Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
461. **Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
490. **Independent Study**—Independent work for senior English majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any

subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 33).

FRENCH

The minor in French will consist of eighteen semester hours beyond the level of French 111-112.

111-112. Elementary French—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture—A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.

490. Independent Study—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of the instructor. One to three semester hours per semester with a maximum of six semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of eighteen semester hours beyond the level of German 111-112.

- 111-112. **Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. **Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. **Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. **Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. **Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of the instructor. Three semester hours each semester.
490. **Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of the instructor. One to three semester hours.

GREEK

- 111-112. **Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. **Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized

approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of eighteen semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 212-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes will be conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a prevocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. Reading Laboratory—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. Two semester hours.

093. Writing Laboratory—A course providing extra instruction for freshmen students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

100. Introduction to Humanities—An introductory study of literature and history using an integrated approach to the subject matter. Special attention is given to improving the basic skills needed to master content material in the study of humanities. May be required of some students as a prerequisite to Humanities 101. Three semester hours.

101-102. Humanities—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.

200. Humanities European Study tour—A study of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

201-202. Humanities—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature,

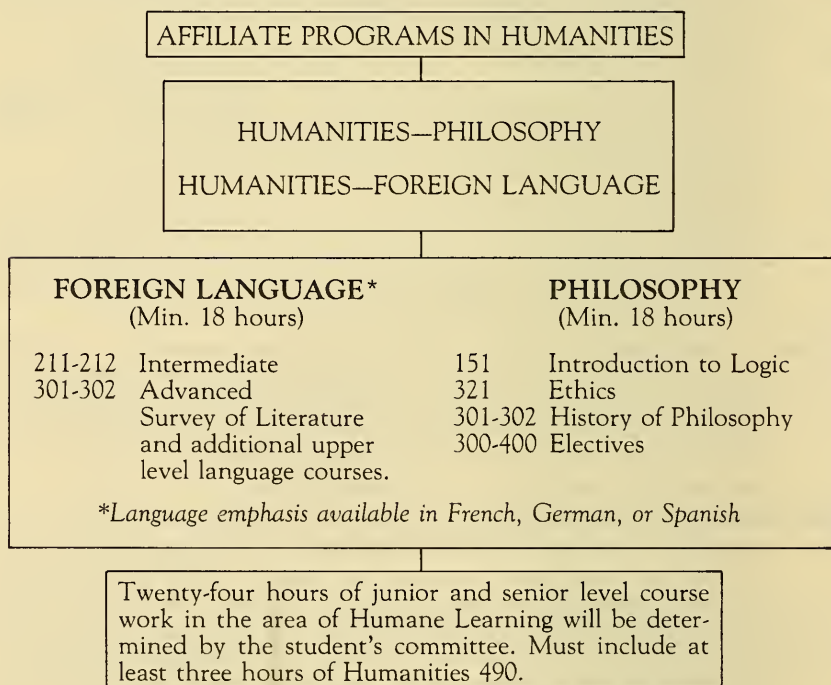
philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

490. Reading and Research in the Area of Humane Learning—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate



study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363-4, 385-8, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 451, 452, and Education 230, 317, 404, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and

spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 363, 381-2, 385-8, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 399) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 462 (Hymnology), 301, a performing ensemble for two semesters, a primary applied area of concentration for four credit hours, a secondary applied area of concentration for two hours, and 481 for two credit hours.

The Music—Theatre Arts minor is composed of Music 143, 145, 301, 155 for two hours credit, 150 for one hour credit, Art 301, Speech 141 and 341.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

- 143-144. Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. Basic Ear Training**—A freshman course covering identification, sightsinging, and dictation. One semester hour each semester.
- 243-244. Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 301. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 351. Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 363. Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 381-381. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 385. Form and Analysis**—A study of major forms of music. Two semester hours.
- 388. Orchestration and Arranging**—A course covering basic characteristics, arranging, and compositional techniques for orchestral

instruments. Prerequisite: Music 244, 246, or permission of the instructor. Two semester hours.

- 451. Methods and Materials for Elementary Music**—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

COMPREHENSIVE EVALUATIONS

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details).
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study (see Music Handbook for details).
- 399. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass Music 399. Students who do not select voice as a primary or secondary concentration will be required to take voice class but will not be required to pass a voice proficiency.

Each music major will be expected to perform in a primary applied area before the music faculty each year. The senior student will perform a recital program.

PIANO

- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

VOICE

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

ORGAN

- 118, 119-418, 419. **Organ for Majors**—Individual instruction in organ. One hour lesson per week. Two semester hours each semester.
160. **Organ for Non-Majors**—Individual instruction in organ. One half-hour lesson per week. May be repeated. One semester hour.

INSTRUMENTAL

- 116, 117-416, 417. **Instrumental Instruction**—Individual instruction in orchestral instruments is available through ETSU (see page 33).

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

CHORAL

- 131A, 132A-431A, 432A. **Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. One semester hour each semester.
- 131B, 132B-431B, 432B. **Women's Ensemble**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. One semester hour each semester.
- 133, 134-433, 434. **Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour each semester.
- 135, 136-435, 436. **Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.

INSTRUMENTAL

108. **Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one half hours. One semester hour.
109. **Handbells**—An introduction to basic performance technique, literature, and maintenance of Handbells. Two major concerts per semester plus a limited number of outside engagements. Three rehearsals per week. One semester hour.



PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

151. **Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History of Philosophy (Ancient)**—A study of philosophy from the Greeks through Augustine. Three semester hours.
302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
350. **Comparative Religions**—See Religion 350.
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
390. **Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course of offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Professional Learning

Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen



The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (Controllorship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.



The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, Accounting 311 or 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

211-212. Introductory Accounting—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting—A study of the use of accounting information for managerial decision purposes with emphasis on the role of the Controller and the “Planning & Control” techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.

315. Not-For-Profit Accounting—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of “Fund Accounting” as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Income Tax Accounting—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the

student planning to go into public accounting, it also will have substantial value for the student interested in large company controller-ship. Prerequisite: Accounting 415. Three semester hours.

491. **Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty-three semester hours including Accounting 211-212; Economics 201-202, 301, and 451; Computer Science 380; and twelve hours of business, accounting, or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 380, and six hours of business, accounting, or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
304. **Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
315. **Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
316. **Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion.

Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.

- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching career objectives. Not applicable for any major or minor. One semester hour.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: 201-202 or permission of the instructor. Three semester hours.
- 421. Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
304. **Government and Business**—See Political Science 304.
311. **History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
312. **Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or 311. Three semester hours.
360. **The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
401. **Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester years.
402. **Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
403. **Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
451. **Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the world in which we live. It is composed of courses in

computer science, courses in computer application science, and courses in the development of interpersonal skills.

Courses required for a major in computer science are Computer Science 211, 212, 214, 215, 310, 311, 431; Business Administration 421; Economics 201, 202; Math 213 (which will meet the math requirement in the general core), and three hours of electives in computer science above the 100 level.

The minor in computer science consists of Computer Science 101, 104, 211, 311, 380, and three hours of electives in computer science; Business Administration 421; and Math 213. A proficiency test is available for Computer Science 101 and 104 for those students who already have knowledge in those areas.

101. **Introduction to Computer Technology and Microprocessing**—A survey of both the technical areas of computer processing and analysis of the technology and capability of the microcomputer. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
104. **Basic Programming**—An introduction to programming in BASIC with applications in business, science, and social sciences. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
211. **Programming I**—An introduction to all aspects of programming and the problem solving process. A structured high level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 101 or permission of instructor. Four semester hours.
212. **Programming II**—A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, data structures, and graphics are included. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Four semester hours.
214. **System Documentation**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Not applicable toward an English major or minor. Prerequisite: A computer language. Offered alternate years. Two semester hours.
215. **Introduction to Computer Systems**—An introduction to computer architecture and assembler language, including basic instructions, subroutines, control structures, data manipulation, input/output, program design, and block data operations. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
275. **Word/Information Processing**—A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves “hands-on” experience with

- a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
310. **Data Structures**—A study of data structures utilizing algorithmic analysis and design criterion. Included are lists, stacks, queues, linear structures, trees, strings, and sorting. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
311. **Database Management**—A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a Database Management System and the computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
322. **Survey of Programming Languages**—A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 211. Offered alternate years. Three semester hours.
331. **Management Information Systems (MIS)**—A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 212. Offered alternate years. Three semester hours.
341. **Systems Analysis and Design**—A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Prerequisite: Computer Science 211. Three semester hours.
380. **Special Topics**—A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Three semester hours.
431. **Operating Systems**—A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multiprogramming and timesharing, command languages and JCL, libraries and linkage editors, and multiuser systems. Prerequisite: Computer Science 212. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

A four-year Bachelor degree program with a major in Office Administration.

A two-year Associate in Science degree program with a major in Secretarial Services.

A two-year Secretarial Services Certificate program.

Bachelor Degree

Students may work toward the Bachelor of Science degree with a major in

Office Administration, or, by taking a foreign language through the intermediate year, may work toward a Bachelor of Arts degree with a major in Office Administration.

Office Administration majors must complete thirty-two semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 380. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and Business Administration 321, as well as the required education courses.

The minor consists of eighteen hours to be determined in consultation with the adviser.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 155; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity courses; and three hours of electives in Office Administration.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 155; Office Administration 131-132*, 143-144*, 231-232, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twenty hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

131. Keyboarding—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.

132. Business Typing—Format and typing of personal correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 gross words per minute typing speed. Two semester hours.

143-144. Beginning Shorthand—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.

231-232. Advanced Typing—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents,

and other business forms are emphasized. Three semester hours each semester.

- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 275. Word Processing**—See Computer Science 275.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the minds of the student the principles underlying effective business letters and to provide practice in applying these principles. Three semester hours.
- 352. Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the “you-attitude,” and verbal precision. Two semester hours.
- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Machine coding systems, including the punched-card system, the KWIC Retrieval System, and coding-to-the-computer system are studied. Two semester hours.
- 380. Automated Business Applications**—A study of the use of computers in office administration and administrative services. Emphasis is placed on the management aspects of office automation, including information retrieval, graphics preparation, time management, financial controls, and employee-information systems. Prerequisite: Accounting 211. Three semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Office Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231-232 and 243-244. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the teacher education student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During a senior semester a student will do ten weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

The Milligan student is admitted to the teacher program by completing an application, having a grade point average of 2.25, and completing the Pre-Professional Skills Test (PPST) with the Tennessee approved grade. The health form and the psychological test which are a part of the original admission to the College will be examined as a part of this teacher education admissions decision. Transfer students can begin taking education courses if they have a grade point average of 2.5. Admission for the transfer student should be completed during the first semester of enrollment. The PPST will be given each semester.



Education students must have a 2.5 grade point average in order to begin the semester which includes student teaching.

Persons admitted to teacher education must maintain a 2.25 grade point average through the junior year. Persons not maintaining a 2.25 grade point average will be on probation status in teacher education for the semester. Senior students will be required to have a 2.5 grade point in order to do senior teacher education courses.

Teacher education courses which require admission to teacher education are Health and Physical Education 203 and 300; Biology 350, Music 351, 451, and 452; Education 315, 316, 317, 404, 407, 421, 432, 434, 441, 443, 461, 471, 472, and 481.

A minimum of two semesters is required in the regular teacher education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Course work in Milligan allows students to be certified not only in Tennessee but also in states throughout the nation. Milligan is approved by Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education.

National Teacher Examination

Students in the teacher education program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and 253 and either Education 315 or 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only eighteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience is a ten week experience in an assigned school. Students will observe the schedule of the school instead of the Milligan College schedule while they are student teaching.

Special Arrangements of Education Courses

Elementary education students should plan to enroll in a block arrangement three courses: Education 315, Introduction to Reading; Education 316, Diagnosis and Remediation in Reading; and English 354, Children's Literature. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for clinically diagnosing and teaching one child with reading problems, and a period of time to work with a reading group in the school.

The elementary education semester includes Education 230 (If the student has taken education 231, this course is not required.), 404, 407, 412, and 421. The secondary education semester includes Education 230, 317, 404, 407, 472, and

461 or 481. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in elementary education is designed for those desiring careers as elementary school teachers. The general education requirements for this major include: Bible 123, 124, 471; Theatre 101; Humanities 101, 102, 201, 202; Psychology 100, 252, 253; Biology 110; Physics 104; Geography 101; Sociology 201; and two hours of physical education activities.

The elementary education major consists of Math 103, 104, 105; Health and Physical Education 111, 203, 208, 311 (1 hour); Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 404, 407, 412, and 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education. The Biblical Studies concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 111, 112, 211, 213, 215, and Computer Science 104. The Science concentration includes Biology 360 and a choice of three courses from the following: (Both biology and physical science should be represented in this choice.) Biology 120, 140, 210, 250, 251, 362; Chemistry 101, 102, 150, 251; Physics 203 and 204. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311, 402; Theatre 151 or 340; and twelve hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary Education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. The following areas are certification endorsement areas: Biology, Business, Chemistry, English, History, Mathematics, Psychology, Sociology, French, Spanish, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: Health and Physical Education 111; Sociology 303; one hour of physical education activity; Math 107, and twenty-four hours of professional education which must include Education 230, 317, 404, 407, 471, 472, 481; and Psychology 253. An English major must complete four credits in Education 317.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 107 to their general education program and the twenty-four hours of professional education. Music students should add, in addition to Mathematics 107, four hours of health and physical education (which may include Sociology 303) to their general education program and also include the twenty-four hours of professional education.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231, 315, 316, 432, 433, 434, 436, and 437; Psychology 357 or 353 and 454; and Health and Physical Education 406.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

230. **Exceptional Children in the Schools**—A course studying the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course includes a discussion of the mainstreaming approach to teaching exceptional children. Two semester hours.
231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**—See Psychology 252 and 253.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**—A study of the diagnosis of reading skills; objectives, methods, and materials for the correction of reading difficulties; and direct contact with children in tutorial and group teaching situations. Three semester hours.

317. **Secondary School Reading**—A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Two to four semester hours.
404. **Learning in the Schools**—A discussion of the application in the school of learning theory and testing principles. One semester hour.
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading, arithmetic, auditory, visual, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Education procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
436. **Speech for Exceptional Children**—A study of the normal and abnormal speech and language development including a survey of major speech disorders and a description of remediation for speech and language problems. Three semester hours.
437. **The Mentally Retarded Child**—A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year olds in all areas of development, the kindergarten program, curricula, routine activities, records, and parent-teacher relationships will be emphasized. Three semester hours.

443. **Early Childhood Practicum**—A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
471. **Materials and Methods in Specific Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—Study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300, 301, 311, 312, 403, 404, 406, and 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.



101. **Fitness for Life**—A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racquetball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.

156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with the student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racquetball**—Knowledge and skill development in target archery and racquetball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching.

Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.

491. **Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consists of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 251; and Mathematics 111 and 112. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-two hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; Mathematics 111 and 112, with calculus recommended; and Physics 203 and 204.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 101, 102, 150, 251, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. General Biology—An introductory course which examines fundamental biological concepts of plants and animals with particular

- relevance to man's place in the living world. Four semester hours.
120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
220. **Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.
341. **Animal Histology**—A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.

360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: One semester of Biology. Four semester hours.
362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: One semester of Biology. Offered alternate years. Four semester hours.
380. **Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
440. **Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
490. **Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisite: Twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 101, 102, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Math 303 and Physics 203 and 204 are also required.

The chemistry minor consists of twenty hours including Chemistry 301, 302, 303, 304, and either 202 or 310.

- 101-102. **General Chemistry**—A study of the principles of general chemistry including qualitative analysis. Prerequisite: Algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours of lecture and one three hour laboratory per week. Four semester hours each semester.
150. **Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.

202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
203. **Instrumental Analysis**—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Four hours lecture and three hours laboratory per week. Four semester hours.
251. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 102. Three semester hours.
302. **Organic Chemistry**—A study of the preparation properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
303. **Organic Chemistry Laboratory**—An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
304. **Organic Chemistry Laboratory II**—Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
310. **Biochemistry**—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 102, 202, and Physics 203-204. Four semester hours each semester.
405. **Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty

hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in Mathematics, the major shall consist of thirty semester hours, which must include Math 211, 212, 303, and eighteen additional hours of Math courses numbered above 200. Especially recommended are Math 305, 307, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in Mathematics, the major shall consist of thirty-six semester hours, which must include Math 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Math 305, 307, and 314, as well as 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy college science requirements with physics.

A minor in mathematics shall require twenty-four semester hours which must include 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Math 111, 112, 211, 213, and 215 and Computer Science 104.

090. **Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.

103. **Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Three semester hours.

104. **Fundamental Concepts**—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching

strategies for each of these. This course is appropriate only for students majoring in elementary education. Three semester hours.

105. **Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. This course is appropriate only for students majoring in elementary education. Two semester hours.
107. **Principles of Mathematics**—An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.
111. **Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.
112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Prerequisite: Math 111 or equivalent. Three semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors

and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.

307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 303. Offered alternate years. Three semester hours.
314. **Probability and Statistics I**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 212. Three semester hours.
315. **Probability and Statistics II**—A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.



351. **Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 305 and 307. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—A study of the methods and principles of formal logic and reasoning, including an introduction to the various types of fallacies, as well as an analysis of the different structures and forms of argument. Prerequisite: Math 212. Three semester hours.
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 305 and a computer language. Offered alternate years. Three semester hours.
411. **Introduction to Analysis**—A study of some of the following topics: real and complex number systems, elements of point-set theory, convergence, continuity, differentiation, the Riemann integral, sequences and series of functions, measure, and generalized integration. Prerequisite: Math 310. Offered alternate years. Three semester hours.
490. **Independent Study**—Individual work in mathematics under the direct supervision of an instructor. Prerequisite: Twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

PHYSICS

104. **Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 203-204. **General Physics/Calculus**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motions, sound, light, and modern physics are studied in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning



Dr. Robert B. Hall, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

101. **Introduction to Physical Geography**—An introduction to the basic concepts of physical geography. The course will cover earth-sun relationships, elements of weather, controls of climate, soils and vegetation, and landforms. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes, retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the Social Sciences, with less interest in Business Administration, or the emphasis may be in the opposite direction. In this case the course work will be concentrated in the area of Business with fewer courses in the Social Sciences. A field work internship with an agency is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing in other states without re-examination.

Option 1—Emphasis on Psychology and Sociology

Soc	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
	426	Sociology of Small Groups	3
	491	Field Work	6
Psy	250	General Psychology	3
	252	Developmental Psychology	3
	353	Personality	3
	357	Counseling	3
	358	Abnormal Psychology	3
			<hr/> 36 semester hours
Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B. Adm.	361	Principles of Management	3
		One of the following courses must be completed.	
B. Adm.	315	Marketing	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
			<hr/> 18 semester hours

Option 2—Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
B. Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
	491	Field Work	6
			<hr/> 36 semester hours
Soc	201	Introduction to Sociology	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
Psy	250	General Psychology	3
	252	Developmental Psychology	3
	357	Counseling	3
			<hr/> 18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**—See Christian Ministries 271.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors and minors. One semester hour.
306. **Medieval History**—A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**—A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
311. **History of Economic Thought**—See Economics 311.
312. **Economic History of the United States**—See Economics 312.
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
324. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
333. **History of Modern Germany: 1866-1945**—A study of modern Germany beginning with Bismarck and German unification and ending with the defeat of Germany and the death of Hitler in 1945. Three semester hours.
335. **History of France**—A history covering modern France from 1848 to 1945 with special attention to the Paris Commune, the Dreyfusards, and the failure of France to meet the German challenge in 1940. Three semester hours.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the Sixteenth Century emphasizing both traditional reformers and

- reformers in the “free-church” tradition. Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
371. **American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
377. **The Middle Period: 1840-1880**—A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Three semester hours.
379. **The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.
380. **America in the Twentieth Century**—A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. **Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 431-432. **Reformation of the Nineteenth Century**— A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
445. **Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
446. **Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade point average of 3.0. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop programs in psychology, sociology, social agencies, and youth leadership. The B.S. degree requires thirty-six hours. The B.A. degree requires thirty hours plus twelve hours of a foreign language. A major in human relations requires a core program of nine hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses	
*Sociology 201 (3 hours)	Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)	
Track One: Psychology	Track Three: Social Agencies **
Required Courses: (12 hrs.) Psy. 259 Psy. 353 Psy. 401 Math 213	Required Courses: (15 hrs.) Soc. 311 Soc. 403 Soc. 451 Soc. 491 (6 hrs.)
Suggested Electives: Any other Psychology courses C.S. 104	Suggested Electives: Psy. 252 Psy. 352 Psy. 353 Psy. 358 Psy. 401 Soc. 210 Soc. 311 Soc. 312 Soc. 413 Soc. 426 Soc. 456 Soc. 461 Soc. 490 Soc. 491
	Track Four: Youth Leadership
	Required Courses: (12-15 hrs.) HS&PE 409 Psy. 357 CM 321 HS&PE 491 (3-6 hrs.)
	Suggested Electives: Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 Soc. 426 HS&PE 203 HS&PE 206 HS&PE 300 HS&PE 301 HS&PE 302 HS&PE 490

**For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

*Not required for Track One.

Human Relations Minor

A minor in human relations is eighteen hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
Required Courses: (15 hrs.) Psy. 250 Psy. 259 Psy. 350 Psy. 353 Soc. 201	Required Courses: (15 hrs.) Psy. 250 Soc. 201 Soc. 210 Soc. 303 Soc. 451	Required Courses: (15 hrs.) Soc. 201 Soc. 303 Soc. 311 Soc. 403 Psy. 250	Required Courses: (17 hrs.) H&PE 409 H&PE 491 (14 hrs.) Psy. 250 CM 321 Soc. 201 Soc. 303
Recommended Electives: (3 hrs.) Math 213 Psy. 252 Psy. 357 Psy. 358 Soc. 303 Soc. 426 To be chosen with written approval of Track Chairman	Recommended Electives: (3 hrs.) Math 213 Psy. 350 Soc. 311 Soc. 314 Soc. 401 Soc. 426	Recommended Electives: (3 hrs.) Pol. Sci. 304 Psy. 350 Psy. 352 Psy. 353 Psy. 458	Recommended Electives: (1 hr.) H&PE 111 H&PE 203, 300, or 301 Psy. 252 Psy. 353 CM 261 CM 318 Psy./Soc. 491 Soc. 311 Soc. 426
Other Possible Electives: Soc. 210 Soc. 360 Soc. 414 Any other Psy. course	Other Possible Electives: Any other Soc. course	Other Possible Electives: B.Adm. 361 B.Adm. 363 Econ. 201-202 Psy. 401 Any other Soc. course	Other Possible Electives: Psy. 358 Psy. 404 Psy. 405 Psy. 458 CM 304 CM 308 Any other Soc. course

POLITICAL SCIENCE

203. **American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
290. **Independent Study**—Individualized study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
304. **Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
311. **State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
360. **The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.
361. **Domestic Policies**—The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
370. **International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
402. **Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, leaders and followers, freedom, progress, justice, fraternity, etc. Offered alternate years. Three semester hours.
403. **American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
490. **Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.

491. **Field Work**—A practicum experience that will involve the student in a position of government under adequate supervision for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

100. **Principles of College Success**—A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, a growing awareness of self, effective methods of relating to peers and development of one's faith in the Lord. Required of all freshmen during the first semester of attendance. One semester hour.
250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
253. **Developmental Psychology Laboratory**—An experience with developing children in a school setting. The student serves as a teacher assistant throughout the semester. One semester hour.
259. **Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
352. **Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of

personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358 as a required course for psychology majors and minors. Prerequisite: Psychology 250. Three semester hours.

357. **Introduction to the Theory and Practice of Counseling**—a course designed for students to learn counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.
427. **Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
450. **Psychology of Religion**—A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.
452. **Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
454. **Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
490. **Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of the instructor. One to three semester hours.

491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and application of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser or a member of the faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan a curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.



SOCIOLOGY

201. **Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
311. **The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology**—See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation to old age and

- retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world and an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and consent of the instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, June, 1987

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Harold E. Armstrong, Minister, First Christian Church, Columbus, Indiana
Dewey R. Barker, Bel Air, Maryland
Robert E. Belloir, Minister of Education, Southwest Christian Church, East Point, Georgia
Phil Blowers, Attorney, Indianapolis, Indiana
David Boggs, Businessman, Davidsonville, Maryland
Michael Bradford, Director of Communication, Christian Church Homes of Kentucky, Louisville, Kentucky
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
Reno G. Burleson, Contractor, Johnson City, Tennessee
L. D. Campbell, Minister, First Christian Church, Florence, Kentucky
Steven Carpenter, Associate Minister, Spring Branch Christian Church, Houston, Texas
Victor Carpenter, Businessman, Louisville, Kentucky
Samuel H. Clark, Jr., Retired, Bristol, Tennessee
Norman W. Conner, Minister, Bournemouth Church of Christ, Bournemouth, England
Gerald Cook, Businessman, Cincinnati, Ohio
Michael Corey, Elevator Constructor, McCordsville, Indiana
E. Richard Crabtree, Minister, Academy Christian Church, Colorado Springs, Colorado
Donald Crum, Business Executive, Edgewood, Kentucky
Gary A. Deater, Hospital Administrator, Lebanon, Indiana
Sherry Detraz, Teacher, Dunedin, Florida
Ron DeLong, Businessman and Evangelist, Carmel, Indiana
Harold J. DeVault, Businessman, Concord, Tennessee
Judy Ebert, Churchwoman, New Port Richey, Florida
Robert M. Elliott, Retired Educator, Kingsport, Tennessee
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, Georgia
William F. Faddock, Physician, Fayetteville, Georgia
Jack Gardner, Banker, Erwin, Tennessee
Jack Gilbert, Executive, Allison Division, General Motors, Indianapolis, Indiana

- William F. Hall, Minister, First Christian Church, Homer, Illinois
Omer Hamlin, Jr., Librarian, University of Kentucky Medical School,
Lexington, Kentucky
Joseph Harper, Businessman, Ironton, Ohio
Wayne Hay, Parole Officer, State of Kentucky, Louisville, Kentucky
Henry E. Hill, Minister, Downtown Christian Church, Johnson City,
Tennessee
Robert L. Huckstep, Businessman, Charlottesville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
Nelson Humphreys, Business Executive, Greeneville, Tennessee
Darla Irvin, Churchwoman, Lock Haven, Pennsylvania
E. Glenn Isaacs, Business Executive, Elizabethton, Tennessee
Donald R. Jeanes, Minister, Spring Branch Christian Church, Houston, Texas
E. P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Sue Kettelson, Churchwoman, Simpsonville, South Carolina
Robert Kroh, Minister, Interlake Christian Church, Bellevue, Washington
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
John Lecky, Associate Minister, Mountain Christian Church, Joppa,
Maryland
Jo Dean Looney, Businesswoman, Fayetteville, Georgia
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
John Love, Realtor, Johnson City, Tennessee
Karl M. Marshall, Minister, Lake Ridge Christian Church, Paris, Illinois
Brewster McLeod, Youth Minister, Southland Christian Church, Lexington,
Kentucky
Gordon Mehaffey, Insurance Executive, Dublin, Indiana
John P. Mills, Minister, First Church of Christ, Painesville, Ohio
William A. Nice, Physician, Bloomington, Indiana
William O. Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Robert W. Paswater, Minister, Castleton Christian Church, Indianapolis,
Indiana
Cameron Perry, Executive, Home Federal Savings and Loan, Johnson City,
Tennessee
John R. Pierce, Minister, Kokomo, Indiana
Gary D. Porter, Administrator, Children's Home, Wooster, Ohio
Walter Puckett, Minister, Crown Point, Indiana
David Pugh, Teacher, Indianapolis, Indiana
Doug Ragsdale, Elkhorn City, Kentucky
Robert Robinson, Insurance Executive, Indianapolis, Indiana
Charles H. Rock, Management Specialist, U.S. Army, Alexandria, Virginia
William Rollins, Grocer, Bristol, Tennessee
John Russell, Minister, Lakeside Christian Church, Ft. Mitchell, Kentucky
John C. Samples, Executive, Standard Publishing Company, Cincinnati,
Ohio, *Chairman*
James D. Saunders, Minister, South Louisville Christian Church, Louisville,
Kentucky
Laurie Schreiner, Professor, Kentucky Christian College, Grayson, Kentucky,
Vice Chairman
Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee
Debbie Smith, Accountant, Price Waterhouse Company, Indianapolis,
Indiana, *Secretary*
Frank S. Smith, Minister, Grandview Christian Church, Johnson City,
Tennessee

- Ronald S. Spotts, Businessman, Beech Creek, Pennsylvania
Loren Stuckenbruck, European Evangelistic Association, Tuebingen, Germany
Max Stucker, Accountant, Chicago, Illinois
Dan Stuecher, Minister, Safety Harbor Christian Church, Safety Harbor, Florida
Joseph E. Sutherland, Counselor and Lecturer, Mason, Ohio
David Wead, Minister, First Christian Church, Nashville, Tennessee
Scot Whitesell, Psychotherapist, Silver Spring, Maryland
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Robert L. Williams, Teacher, Jersey Shore, Pennsylvania
Ron Zimmerman, Executive, Allison Gas Turbines, Indianapolis, Indiana

FACULTY AND ADMINISTRATION JUNE, 1987

- | | |
|--|---|
| MARSHALL J. LEGGETT, President (1982)
B.A. Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University. | DEAN EVEREST WALKER, Chancellor (1950)
B.A., Tri-State college; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh. |
|--|---|

Presidents' Cabinet

- GARY E. WEEDMAN, Academic Dean (1987)
A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.
- JOHN DERRY, Dean of Student Development (1985)
A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University.
- J. DAVID ROSE, Director of Development (1986)
A.B., Milligan College.
- MARK A. MATSON, Controller (1984)
B.S., Humboldt State University; Fuller Theological Seminary; Emmanuel School of Religion.

Administration

- ROBERT E. ALLEN, Director of Church Relations (1986)
B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.
- LEONARD BEATTIE, Physical Plant Director (1986)
- ROBERT DABNEY, Director of Admissions (1984)
B.S., Milligan College.
- RON EVERSOLE, Director of Alumni/Public Relations (1981)
B.A., Cincinnati Bible Seminary.
- PHYLLIS DAMPIER FONTAINE, Registrar (1963)
B.S., M.A., East Tennessee State University; Milligan College.
- PATRICIA K. MARLOW, Financial Aid Counselor (1984)
East Tennessee University; Tri-Cities State Tech; Milligan College.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

KATHY SMITH, Director of Personnel and Mailroom Supervisor (1984)

B.S., Auburn University; Milligan College.

MIKE SMITH, Data Processing Manager (1981)

B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Joel O. and Mabel Stephens Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

RICHARD D. LURA, Professor of Chemistry (1971)

B.A., University of Wisconsin; Ph.D., Iowa State University.

EUGENE NIX, Professor of Chemistry (1967)

B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

RICHARD PHILLIPS, Professor of Bible (1967)

B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.

- EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

Associate Professors

- BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.
- THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.
- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- SUSAN GAYLE HIGGINS, Associate Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- JACK L. KNOWLES, Associate Professor of English (1970)
B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.
- R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- DAVID C. RUNNER, Associate Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S.,
Princeton Theological Seminary; Michigan State University; Cincinnati
Bible Seminary; East Tennessee State University; University Hamburg.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; University of
Strasbourg; East Tennessee State University.

Assistant Professors

LOUISE B. BECK, Assistant Professor of Accounting (1986)
B.B.A., M.B.A., East Tennessee State University.

TIM DILLON, Assistant Professor of History (1982)
B.A., Milligan College; M.A., University of Wisconsin-Madison; Emmanuel
School of Religion.

DOUGLAS PAUL GROSS, Assistant Professor of Music (1981)
B.A., Milligan College; M.A., Indiana University.

ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University
of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education
(1985)
B.S., Milligan College; M.S., Ball State University; Purdue University;
Arizona State University; East Tennessee State University.

DIANE JUNKER, Assistant Professor of Chemistry (1984)
B.S., Milligan College; Baylor University; University of Pittsburgh.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical
Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

J. DAVID KNOECKLEIN, Assistant Professor of Art and Humanities (1985)
B.A., Boise Bible College; M.A., Lincoln Christian Seminary; M.S.,
Illinois State University; Boise State University.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

PATRICIA P. MAGNESS, Assistant Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University;
Georgia State University.

RICHARD MAJOR, Assistant Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio
University.

NORMA J. MORRISON, Assistant Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T.,
East Tennessee State University; Milligan College; University of Oregon.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration
(1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson
College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East
Tennessee State University; Kansas State University; University of South
Florida.

RICHARD L. ROAMES, Assistant Professor of Education (1985)
B.A., Milligan College; M.A., Wheaton College; Ed.D., University of Akron.

JAMES L. STREET, Assistant Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Assistant Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN E. WALSH, Assistant Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University.

F. MICHAEL WILLIAMS, Assistant Professor of Humanities and Basketball Coach (1986)
B.A., Purdue University; M.A., Ph.D., Ball State University.

Support Personnel

JENNIFER HOLLOWELL, Admissions Counselor

MIKE JOHNSON, Admissions Counselor

ROB KASTENS, Admissions Counselor

OPAL LYONS, LPN, Campus Nurse

MARTHA STOUGHTON, Office Manager, Admissions Office

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor Emeritus of Health and Physical Education (1958)

ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)

ROBERT O. FIFE, Professor-at-Large (1954)

HOWARD A. HAYES, Professor Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)

IVOR JONES, Professor Emeritus of History (1942)

JUANITA JONES, Associate Professor Emeritus of English (1968)

JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)

EUEL J. OWENBY, Associate Professor Emeritus of Education (1961)

JAMES L. SHIELDS, Professor Emeritus of Education (1959)

LONE L. SISK, Professor Emeritus of Chemistry (1948)

EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)

C. ROBERT WETZEL, Professor-at-Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

- The Hoover-Price Trust Fund
- The McWane Foundation Fund
- The Waddy Trust Fund
- The Adam B. Crouch Memorial Fund
- The Hopwood Memorial Fund
- The Elizabethton Endowment Fund
- The McCowan Fund
- The Derthick Memorial Fund
- The Kelton Todd Miller Memorial Fund
- The Horace E. and Mary Surepta Burnham Memorial Fund
- The Anglin Fund
- The Aylette Rains Van Hook Memorial Fund
- The McCormick Fund
- The Philip Scharfstein Scholarship Fund
- The Webb D. Sutton Trust Fund
- The Edith B. Cottrell Memorial Fund
- The Milligan College Memorial Fund
- The Barbara Main Memorial Fund
- The Wiley Wilson Memorial Fund
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- The George Iverson Baker Memorial Fund
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- The Ada Bennett Memorial Fund
- The Asa F. And Marguerite Cochrane Memorial Fund
- The Stewart-Roberts Fund
- The Arthur H. Miller Memorial Fund
- The Mary Hardin McCown Living Endowment Fund
- The Dorothy S. Wilson Memorial Fund
- The Guy and Rhea Oakes Memorial Fund
- The Charles A. and Evangeline K. Lucas Memorial Fund
- The Joseph R. Crandall Memorial Fund
- The Myrtle C. King Memorial Fund
- The Lone L. Sisk Endowment Fund
- The Mr. and Mrs. Fred Proffitt Memorial Fund
- The Dr. Charles E. and Florence A. Burns Memorial Fund
- The Dr. H.O. Bolling Memorial fund
- The Ira and Irene Atkinson Memorial Fund
- The John C. Paty, Sr. Memorial Fund
- The Clyde Ratliff Memorial Fund
- The W. Sylvester Hughes Endowment Fund
- The 1968 Class Fund
- The 1976 Class Fund
- The Mrs. William Butler Van Hook Memorial Fund
- The Clem Endowment Fund
- The Clyde and Hassie Ann Smith Memorial Fund
- The Carl C. Monin Memorial Fund
- The 1980 Class Fund
- The Roy G. True Memorial Fund
- The Dimple Hart Christian Memorial Fund
- The T. Jayne Gressel Memorial Fund
- The Alfred Keefauver Memorial Fund

The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scovill "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The W. Chamberlain Hale Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The John Wesley and Willis J. Allen Memorial Fund
The Claude R. and Mary Sue Love Memorial Fund
The Rev. J. E. Gordon Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The 1985 Class Fund
The 1987 Class Fund
The Kathleen Adams Bowman Memorial Fund
The T.W. Phillips Memorial Fund
The Living Endowment Fund
The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The 1982 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Iula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Milar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Fred Broyles Scholarship Fund
The Kate Rice Blankenship Scholarship Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

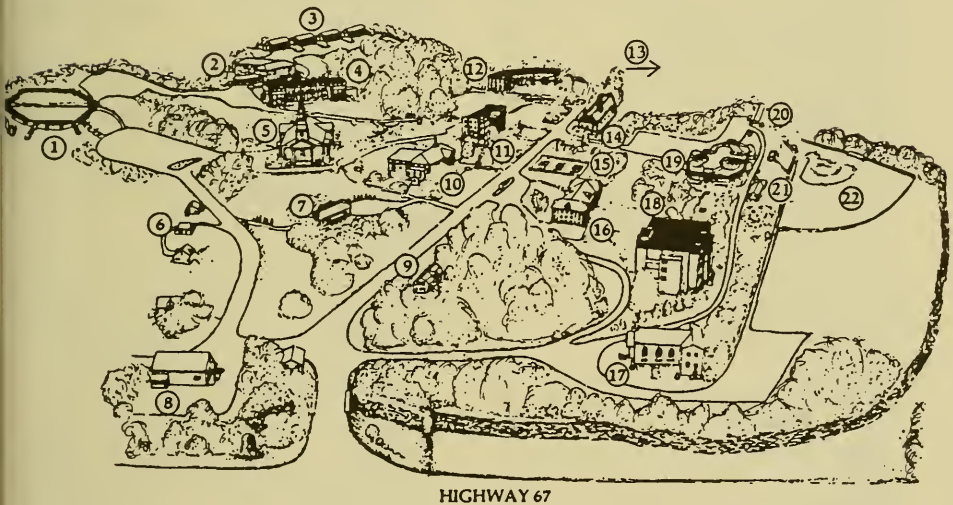
First Christian Church, Chicago, Illinois—THE DEAN E. WALKER
CHAIR OF CHURCH HISTORY—Professor Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT
CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS
CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

Milligan College Campus



Key

- | | |
|----------------------------|-----------------------------------|
| 1. Lacy Fieldhouse | 12. Webb Hall |
| 2. Hart Hall | 13. Physical Plant |
| 3. Married Student Housing | 14. McMahan Center |
| 4. Sutton Hall | 15. Tennis Courts |
| 5. Seeger Chapel | 16. Hardin Hall |
| 6. Practice House | 17. Hopwood Church |
| 7. Little Hartland | 18. Derthick Hall |
| 8. Post Office | 19. Lawson Science Center |
| 9. Hospitality House | 20. Faculty Office Building |
| 10. Welshimer Library | 21. Former Student Union Building |
| 11. Pardee Hall | 22. Anglin Field |

INDEX

Academic Information	26	Heritage	3
Accounting	54	History	82
Administrative Officers	96	Home Economics Education	33
Admissions	18	Honors	30
Advance Deposit	21	Human Relations	85
Advanced Placement	19	Humanities	47
Advisers (Academic)	28	Laboratory Fees	21
Application Fee	21	Majors and Minors	28
Applied Music	51	Married Student Housing	8
American Studies Program	33	Mathematics	77
Area of Biblical Learning	35	Medical and Law Students	31
Area of Humane Learning	40	Medical Technology	32
Area of Professional Learning	54	Membership	Inside Front Cover
Area of Scientific Learning	73	Milligan Community	93
Area of Social Learning	81	Missions	38
Areas of Instruction	34	Mortuary Science	32
Art	40	Music	49
Athletics	13	National Teacher Examinations	64
Audit	20	Nature of the College	2
Automobiles	9	Nursing	32
Bible	35	Office Administration	60
Biology	73	Payment of Accounts	22
Board	22	Philosophy	53
Board of Advisers	94	Physics	80
Business and Economics	56	Political Science	87
Business Administration	56	Practice Room/Instrument Rent	21
Calendar	Inside Back Cover	Probation	30
Campus	13	Professional Organizations	12
Ceremony of Matriculation	20	Psychology	88
Certification	64	Publications	12
Character of the College	5	Recreational Organizations	12
Chemistry	75	Refunds	22
Christian Ministries	37	Religion	38
Church Music	50	Religious Education	37
Classifications	30	Religious Life	10
Class Attendance	27	Reports	30
Communications	40	Representative Organizations	10
Computer Science	58	Required Courses	26
Conduct	8	Requirements for a Degree	26
Convocations	27	Residence	7
Co-operative Programs	31	Returning Students	19
Correspondence Credit	29	R.O.T.C.	32
Dormitories	9	Scholarships	24
Early Childhood Education	66	Secondary Education	65
Economics	57	Secretarial Science (see Office Administration)	
Education	63	Social Activities	9
Elementary Education	65	Sociology/Anthropology	90
Endowed Chairs	103	Spanish	46
Endowment Funds	100	Special Education	66
Engineering	32	Special Students	19
English	42	Specific Objectives	6
Evening College	27	Speech	41
Expenses	20	Staley Lectures	11
Faculty	96	Student Life	7
Fees	20	Student Teaching	64
Financial Aid	23	Studies Abroad	33
Foreign Language	43	Testing Services	29
Foreign Students	20	Textbooks	22
French	44	Theatre Arts	41
Geography	81	Transcripts	30
G.I. Bill	26	Transfer Students	18
German	45	Trustees	93
Grade Point Average	29	Tuition	20
Greek, Hebrew	45	Westwood Foundation	33
Health	9	Withdrawal	31
Health Care Administration	81	Youth Ministries	37
Health & Physical Education	68		

MILLIGAN COLLEGE CALENDAR

Summer Session, 1987

Registration	June 8
First Term Classes	June 8-July 8
Second Term Classes	July 9-August 7

Fall Semester, 1987

Dorms Open to New Students	August 22
Conference for Parents of New Students	August 22
New Student Orientation	August 22-25
Dorms Open to Upperclassmen	August 23
Faculty Conference	August 24
Advising and Registration	August 24-25
Classes Begin	August 26
Matriculation	August 27
Fall Break	5:00 p.m., October 14 to 8:00 a.m., October 20
Thanksgiving Holidays	5:00 p.m., November 25 to 8:00 a.m., November 30
Last Day of Classes	December 11
Final Examination	December 14-17

Spring Semester, 1988

New Student Orientation	January 9
Advising and Registration	January 11-12
Classes Begin	January 13
Spring Break	5:00 p.m., March 25 to 8:00 a.m., April 5
Awards Convocation	May 5
Last Day of Classes	May 6
Final Examinations	May 9-12
Baccalaureate and Commencement	May 15

Summer Session, 1988

Registration	June 13
First Term Classes	June 13-July 13
Second Term Classes	July 14-August 12



Milligan MILLIGAN COLLEGE, TENNESSEE College

Catalog
1988-1989



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MILLIGAN COLLEGE

Milligan College, Tennessee 37682

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TABLE OF CONTENTS

Nature of the College	2
Student Life	7
Campus	13
Admissions	18
Fees/Expenses	20
Financial Aid	23
General Academic Information	26
Degree Requirements	26
Areas of Instruction	34
Area of Biblical Learning	35
Area of Humane Learning	41
Area of Professional Learning	60
Area of Scientific Learning	79
Area of Social Learning	87
The Milligan Community	99

Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics for Women
- Association for Schools, Colleges, and University Staffing
- College Placement Council
- Christian College Coalition
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee College Association
- Tennessee College Women's Sports Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference



NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently



disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and man.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history.

This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for its students the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if and when necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators, microwaves and air conditioners.



Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students' office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the college administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.

5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor of the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local

physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.



The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Barchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewalt, Dr. Keith Schoville, and Dr. Joseph M. Webb.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical professions. Physicians and specialists in the medical and allied profession are invited to club meetings to discuss topics related to their work.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minoring in science, but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to those on campus who need to borrow money.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building



Seeger Chapel

CAMPUS BUILDINGS



Little Hartland



*Marguerite Fierbaugh Lawson
Science Center*



Derthick Hall



P.H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Dean of Students, the Registrar, and the Director of Financial Aid.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and several faculty offices. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Alumni Affairs/Public Relations, the Director of Church Relations, and the Director of Admissions.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T.P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955. Student activities moved in the spring of 1987 to the new McMahan Student Center. The former Student Union building will be used to house the communications program.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The offices of the President and the Director of Development are located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire — 192 feet above ground level — overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Marguerite Fierbaugh Lawson Science Center was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The Crouch Memorial Building is located near the bridge at the main entrance. The building was renovated and modernized by Professor Owen Crouch in 1958 in memory of his father.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The McMahan Student Center, a gift of Grace Hart McMahan in memory of her husband, John E. McMahan, is the newest facility on campus. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals.



John E. McMahan Student Center

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$20.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program, (AP), the College Level Examination Program (CLEP), and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may after one semester reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissals with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During

that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.

3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present a TOEFL score of 550 and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book where they sign and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)			\$2,678.00
Room Charges:	Dorm	Single	Double
	Hardin	\$545.00	\$420.00
	Hart	\$585.00	\$460.00
	Pardee	\$545.00	\$420.00
	Sutton	\$585.00	\$460.00
	Webb	\$585.00	\$460.00

Board

Student Activity Fee

Tuition for each academic hour over 17

A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for Evening College and Summer School.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees—Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 412, 472	\$ 5.00
Education 434, 443	10.00
Science Laboratory Fee	20.00
Education 153	10.00
Psychology 259	10.00
Secretarial Procedures	10.00
Language Lab Fee	10.00
Typing	10.00
Music 365, 367-8	5.00
Studio Art Fee	10.00
Art 311	5.00
Voice Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Reading Lab	5.00
Computer 101, 104, 211, 212, 215, 275, 310, 311, 322, 380, 431	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00

Tuition Charges in Applied Music

One semester hour	\$50.00
Two semester hours	\$65.00

Practice Fee:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of \$20.00 is required with the application for admission to the College. This fee is not refunded. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on account, which will reserve a place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00

Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

- On the day of registration a down payment of one-half of the tuition, room and board (after deducting scholarships and grants and financial aid), plus other class fees is to be paid.

- The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

- Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance, etc. may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$250.00 for the year.

Board

The cost of Board is \$769.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there will be a 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, will receive a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester will receive a 75% refund of tuition and room rent. There will be no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester will receive a 50% refund of tuition and room. There will be no refund of fees. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

There will be no refund of tuition and room rent after the thirtieth day. In all cases a student will be charged only a pro rata share of board based on the number of days enrolled. This policy will be applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures will result in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy will be applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered and if financial need is demonstrated, Milligan will attempt to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and a Family Financial Statement (FFS) from the American College Testing Company. The Milligan Applications can be obtained from the Financial Aid Office at Milligan, and the Family Financial Statement can be obtained from Milligan or a high school counselor. All applications should be submitted prior to April 1 for priority consideration. Awards are made on a year-to-year basis, and applications must be submitted each year.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Pell Grant

Supplemental Educational Opportunity Grant

State Student Incentive Grant—for residents of Tennessee, Pennsylvania and Vermont.

Campus Employment

Various campus jobs are available to students. The wages vary, but students work an average of ten hours per week. Milligan offers the following work programs:

College Work/Study Program

Milligan College Work Program

Loans

Several low-interest, government subsidized loans are available. Most are not to be repaid until the student completes school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan

Guaranteed Student Loan Program

Tennessee Teacher Loan/Scholarship—Tennessee residents only.

Parents Loan for Undergraduate Students (PLUS)

Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		ACT	Amount	GPA Needed to
Men	Women	Score	of Award	Retain Award
1475 and up	1461 and up	34-36	Basic Tuition	3.5
1393-1474	1378-1460	32-33	75% of Tuition	3.3
1269-1392	1253-1377	29-31	50% of Tuition	3.1
1186-1268	1170-1252	27-28	25% of Tuition	2.8
1104-1185	1087-1169	25-26	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation and an essay on "How I Intend to Use My Life to Serve Christ." A minimum ACT of 18 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition held in the spring of each year.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$2,000 for a two year period are available to students who graduate from a high school within the counties listed. An ACT of 16, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years a 2.0 GPA is required.

Upper Division Area Scholarships are given to juniors and seniors in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball,

Women's Basketball, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Lula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and Education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarships are awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the Sylvester Hughes Memorial Scholarships, and the Donald Gally Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an ACT of 20 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship is awarded to an outstanding ministerial student who demonstrates financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 31, 32, 34, or 35, Title 38 United States Code.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant Program, Mathematics, and Office Administration. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

All graduating seniors are required during their senior year to take a test designated by the Director of Testing.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science Degree requires 65 semester hours and is conferred in the field of Office Administration. A student seeking the AS Degree must complete not fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into College, provided these requirements are met within six years; otherwise they will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. If a student has more than four unexcused absences, eligibility to return to Milligan for the next semester will be forfeited.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, a specialized system of course offerings has been designed by dividing each semester into two terms. A student may take six semester hours during each eight week term during the evening, thereby enabling a student to complete twelve semester hours during one semester. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Academic Dean.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Communications, Computer Science, Elementary Education, English, Family Ministry, Health Care Administration, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, and Youth Leadership), Humanities, Legal Assistant Program, Mathematics, Missions, Music, Office Administration, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, and Youth Leadership), Mathematics, Music, Music & Theatre Arts, Office Administration, Philosophy, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points	D+ = 1.3 quality points
A- = 3.7 quality points	D = 1.0 quality points
B+ = 3.3 quality points	D- = .7 quality points
B = 3.0 quality points	F = 0.0 quality points
B- = 2.7 quality points	S = Satisfactory—not computed in grade point average.
C+ = 2.3 quality points	U = Unsatisfactory—no quality points.
C = 2.0 quality points	W = Withdrawn.
C- = 1.7 quality points	

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (reading, writing, mathematics, and study skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency (see *Learning Skills*).

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see *Education Area*).

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved prior to enrollment by the Registrar. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see page 19).

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; rising juniors, a 1.8, and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman, sophomore - 26 hours, junior - 58 hours, senior - 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Students who leave the College without fulfilling these obligations will receive "F's" in all courses in which they are enrolled and will forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after mid-term will be evaluated with the grade of "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

Completion of six semesters or ninety hours in residence in Milligan College.

Fulfillment of all general education requirements and completion of a minor.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College or Minnesota Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when

vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean or the Nursing Adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can

accomodate only ten members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department at East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, the University awards the degree.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. John L. Morrison.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. **The Presidency**—See Political Science 360.

361. **Domestic Politics**—See Political Science 361.

370. **International Affairs**—See Political Science 370.

ECONOMICS

360. **The U.S. Economy**—See Economics 360.

FIELD WORK

491. **Field Work**—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level. Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.

AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries Missions
 Religion Bible
 Religious Education
 Family Ministry

Area of Professional Learning

Education
 Economics Business Administration
 Office Administration Accounting
 Health & Physical Education
 Computer Science
 Legal Assistant

Area of Humane Learning

Music Art English
 French Greek Spanish
 German Hebrew
 Humanities Speech & Theatre Arts Philosophy
 Communications

Area of Scientific Learning

Biology
 Physics Chemistry
 Mathematics

Area of Social Learning

History
 Psychology Sociology
 Human Relations Geography
 Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in mathematics, writing, and reading will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become graduation requirements. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics—see Mathematics 090.

Learning Skills 091 Reading—see Humanities 091.

Learning Skills 093 Writing—see Humanities 093.

Area of Biblical Learning



Dr. Henry E. Webb, Chairman

BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Biblical courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 280-281 (for two hours); and Christian Ministries 273 and 276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.

202. **The First Century Church (Acts)**—An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for Biblical studies are emphasized. Three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Prison Epistles**—An exegetical study of Philipians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**—A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**—A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**—A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**—A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**—A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
452. **General Epistles**—A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.

CHURCH HISTORY

341-342. **Church History**—See History 341-342.

431-432. **Reformation of the Nineteenth Century**—See History 431-432.

CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Biblical program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and may be granted such certification. Ministers' wives and those anticipating graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Christian Education major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 261, 304, 308, 217, 273, 280, and 281.

The Youth Ministry major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 318, 321, 261, 273, 280, and 281.

The minor in Christian Education includes three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either Christian Ministries 304 or 308.

The minor in Youth Ministry requires three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either Christian Ministries 318 or 321.

The Christian Ministry minor requires three hours of Old Testament electives, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

217. **Introduction to Youth Ministry**—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This will include some practical experience and is intended both for those planning a career in Youth Ministry and those preparing for better church service. Three semester hours.

261. **Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.

270. **Introduction to Christian Missions**—A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. **History of Christian Missions**—A survey of the history and progress of missions since the beginning of Christianity. Three semester hours.

273. **Introduction to Ministry**—A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics**—A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
- 280-281. **Practicum in Ministry**—Involvement in ministry either in a local congregation or a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
304. **Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar**—An interdisciplinary course in Bible and Social Learning. It is mandatory for the Youth Ministry major and is designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
415. **Studies in Contemporary Evangelism**—A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.

RELIGION

350. **Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
351. **Philosophy of Religion**—See Philosophy 351.
421. **Sociology of Religion**—See Sociology 421.
450. **Psychology of Religion**—See Psychology 450.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in Family Ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or Sociology 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	9 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Psychology 495 (Marriage and Family Ministry)	4 hours
Sociology 321 or Sociology 412	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 280-281	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely rooted in the area of biblical learning, since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes for mankind as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The missions major is available only as a Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives—The following courses are recommended.

Psychology 452 Pastoral Counseling	3 hours
Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	



Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, theatre arts, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of communications, English, music, and humanities. A minor may be taken in art, communications, French, German, English, Spanish, philosophy, music, and theatre arts.

ART

The art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other courses listed below.

203. **Visual Composition**—Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. (Students needing two hours of credit in fundamentals of art for teaching certification may register for two hours. They finish the course in approximately two-thirds of the semester.) Two or three semester hours.
237. **Basic Photography**—An introduction to the 35 mm. camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.
250. **Drawing Studio**—A class for the beginning and the experienced student. Using line and shade, students cover perspective solving, still life, the human figure, the human skeleton, landscape, portraiture, and a study of the masters. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. Offered in intersession and summer. One to three semester hours.

311. **Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.
337. **Photojournalism**—An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Offered alternate years. Three semester hours.
340. **Graphic Design**—A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
350. **Painting Studio**—Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the individual master the painting medium through working in still life and landscape and through copying the masters. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
375. **Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
490. **Independent Study**—Independent work for junior or senior art minors in an area of the student's interest. The student's program is under the supervision of the art professor. This course is offered primarily in intersessions and summer terms. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. Offered alternate years. One to three semester hours.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and speciality within the major seeks to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in Communications may be a B.A. program which will require completion of a foreign language through the intermediate level. The student may elect the B.S. degree which will require Mathematics 213 and Computer Science 101 and 275.

In addition to the twenty-one hours of core courses a student must also complete twelve hours in one of the following specialities: Public Relations/Advertising, Broadcasting/Aural-Visual, Journalism, or Organizational Communications.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101		Communications 203
Communications 201		Communications 205
	Communications 491	
	plus	
	two of the following	
Communications 301		Business Administration 361
Communications 303		Business Administration 421

SPECIALTIES

Public Relations/ Advertising	Broadcasting/ Aural-Visual	Journalism	Organizational Communications
Com. 311	Com. 323	Com. 331	Com. 341
Com. 315	Com. 325	Com. 335	Com. 345
Com. 411	Com. 421	Com. 337	Com. 441
Com. 415	Com. 425	Com. 431	Com. 445

101. **Introduction to Mass Communications**—A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.
201. **Principles of Interpersonal Communication**—An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.
203. **Introduction to Visual Communication**—A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.
205. **Writing for Public Media**—An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.
301. **History and Philosophy of American Media**—An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which competing philosophies have shaped the media system under which we live. Three semester hours.
303. **Law of Mass Communication**—A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalist privilege, and obscenity law. Three semester hours.
311. **Public Relations Practices**—An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public

relations within the media system as well as in the American social and political economy. Three semester hours.

315. **Media Advertising and Sales**—An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements will be evaluated and critiqued and the process by which advertising is developed and presented will be included. Three semester hours.
323. **Fundamentals of Production**—An introduction to the process of producing programs for use in audio-visual media, whether for “limited” in-house use or for broadcasting. Practice is given in every step of the production process, from idea conception and program development, through script writing and taping. Three semester hours.
325. **Writing for Aural-Visual Media**—An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.
331. **News Gathering and Reporting**—An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.
335. **News Editing and Newspaper Production**—A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included is the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.
337. **Photojournalism**—An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisite: Communications 203 and Art 237. Three semester hours.
341. **Principles of Organizational Communication**—An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, to organizational structure in business and industry, and to the processes by which complex tasks are carried out. Three semester hours.
345. **Dynamics of Group Communication**—The study of how groups and collectivities of people organize and maintain themselves. The course includes a study of theories in group dynamics as well as an examination of why groups sometimes fail. Three semester hours.
411. **Public Relations/Advertising Campaigns**—An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisite: Communication 311 and 315. Three semester hours.
415. **Public Relations/Advertising Research**—A survey of major forms of research and audience-information gathering on which media sales

and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisite: Communications 311 and 315. Three semester hours.

421. **Advanced Production**—Supervised practice in the production of programs for broadcast or use in aural-visual settings. Production is planned and carried out in group work within the context of the course. Prerequisite: Communications 323. Three semester hours.
425. **Seminar in Broadcasting**—An advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.
431. **Advanced Reporting and Writing**—Practice given in specialty forms of print journalism, including feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.
441. **Leadership**—The study of various styles of leadership in organizational structures. Types of leaders are evaluated in terms of various kinds of organizations—voluntary, public, and private. Role playing is utilized to simulate organizational problems that call for leadership. Three semester hours.
445. **Advanced Organizational Theory**—A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
491. **Field Work**—A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
355. **Adolescent Literature**—A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Offered alternate years. Three semester hours.
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of medieval English literature from *Beowulf* to *Morte d'Arthur* along with two background documents from Plato and Boethius. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Offered alternate years. Three semester hours.

434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
460. **Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
461. **Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 33).

FRENCH

The minor in French will consist of eighteen semester hours beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.
- 489. Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of eighteen semester hours beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a

thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies—A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

111-112. Elementary Greek—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

331-332. Advanced Greek Readings—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew—Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of eighteen semester hours beyond the level of Spanish 111-112.

111-112. Elementary Spanish—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a prevocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

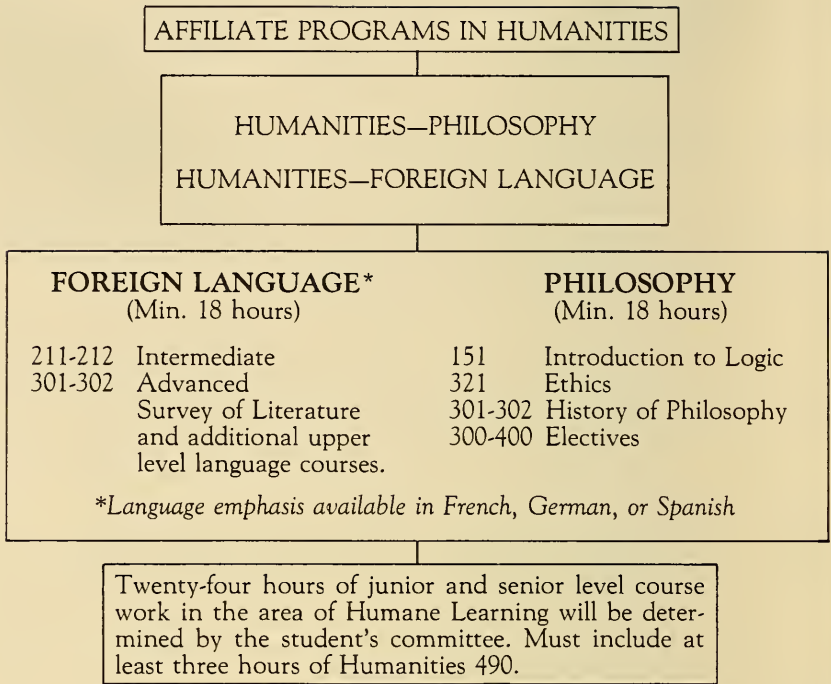
Requirements for the humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students majoring in humanities are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

- 091. Reading Laboratory**—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. Two semester hours.
- 093. Writing Laboratory**—A course providing extra instruction for freshmen students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

100. **Introduction to Humanities**—An introductory study of literature and history using an integrated approach to the subject matter. Special attention is given to improving the basic skills needed to master content material in the study of humanities. May be required of some students as a prerequisite to Humanities 101. Three semester hours.
- 101-102. **Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
200. **Humanities European Study tour**—A study of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 201-202. **Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
490. **Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled

in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 451, 452, and Education 230, 317, 404, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration will be required to take voice class but will not be required to pass a voice proficiency.

PIANO

101. **Piano as an elective**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. **Piano as a secondary concentration for music majors and minors**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 104, 105-304, 305. **Piano as a principal concentration for music minors**—Preparation toward attainment of Level VI and completion of proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

- 106, 107-406, 407. **Piano as a principal concentration for music majors**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
208. **Piano proficiency for music majors**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
308. **Piano proficiency for music minors**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
309. **Piano recital - junior level**—One half-hour performance. No credit.
409. **Piano recital - senior level**—One hour performance. No credit.

VOICE

110. **Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
111. **Voice as an elective**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 112, 113-212, 213. **Voice as a secondary concentration for music majors and minors**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 114, 115-314, 315. **Voice as a principal concentration for music minors**—Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 116, 117-416, 417. **Voice as a principal concentration for music majors**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
218. **Voice proficiency for music majors**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
318. **Voice proficiency for music minors**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

319. **Voice recital - junior level**—One half-hour performance. No credit.
419. **Voice recital - senior level**—One hour performance. No credit.

ORGAN

121. **Organ as an elective**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 122, 123-222, 223. **Organ as a secondary concentration for music majors and minors**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 124, 125-324, 325. **Organ as a principal concentration for music minors**—Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 126, 127-426, 427. **Organ as a principal concentration for music majors**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
228. **Organ proficiency for music majors**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
328. **Organ proficiency for music minors**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
329. **Organ recital - junior level**—One half-hour performance. No credit.
429. **Organ recital - senior level**—One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available through ETSU (see page 33).

THEORY

041. **Music Theory Fundamentals**—A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.
- 143-144. **Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. **Basic Ear Training**—A freshman course covering identification, sight-singing, and dictation. One semester hour each semester.
- 243-244. **Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

- 245-246. **Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
347. **Form and Analysis**—A study of major forms of music. Two semester hours.
348. **Orchestration and Arranging**—A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

351. **Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
451. **Methods and Materials for Elementary Music**—A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
452. **Methods and Materials for Secondary Music**—A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
456. **Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.

CONDUCTING AND HISTORY

161. **Congregational Song Leading**—Practical experience in learning how to direct effective congregational singing through discussion, reading, practice, and performance. Designed for non-music majors. One semester hour.
363. **Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sight-singing. Prerequisite: Music 143 and 145. Two semester hours.
364. **Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
365. **Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. **Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
369. **Hymnology**—A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**—An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**—An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**—An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**—An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**—A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. Fall semester only. One-half semester hour.
189. **Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.
491. **Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

301. **History of Philosophy (Ancient)**—A study of philosophy from the Greeks through Augustine. Three semester hours.

302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
350. **Comparative Religions**—See Religion 350.
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course of offerings. Topics considered vary from semester to semester. One to three semester hours.

THEATRE ARTS

The theatre arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

101. **Fundamentals of Oral Presentation**—A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
141. **Fundamentals of Voice/Stage Movement**—A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCog-based mask work and introduction to stage dialects and stage combat. Three semester hours.
151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
340. **Fundamentals of Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

341. **Fundamentals of Acting**—A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
342. **Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
470. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in Theatre Arts. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. Open to juniors and seniors only. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Professional Learning

Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen



The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, education, and the legal assistant program are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (Controllership), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.



The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311 or 415, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level.

- 211-212. Introductory Accounting**—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.
- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 311. Cost Accounting**—A study of the use of accounting information for managerial decisions with emphasis on the role of the Controller and the “Planning & Control” techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.
- 315. Not-For-Profit Accounting**—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of “Fund Accounting” as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 415. Advanced Accounting: Theory**—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.
- 416. Advanced Accounting: Problems**—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the

student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

491. **Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty-three semester hours including Accounting 211-212; Economics 201-202, 301, and 451; Computer Science 380; and twelve hours of business, accounting, or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 380, and six hours of business, accounting, or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
304. **Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
315. **Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
316. **Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion.

Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.

- 321-322. **Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
331. **Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching career objectives. Not applicable for any major or minor. One semester hour.
361. **Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
362. **Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
363. **Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: 201-202 or permission of the instructor. Three semester hours.
375. **Small Business Management**—A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.
421. **Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
- 304. Government and Business**—See Political Science 304.
- 360. The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the world in which we live. It is composed of courses in computer science, courses in computer application science, and courses in the development of interpersonal skills.

Courses required for a major in computer science are Computer Science 211, 212, 214, 215, 310, 311, 431; Business Administration 421; Economics 201, 202; Math 213 (which will meet the math requirement in the general core), and three hours of electives in computer science above the 100 level.

The minor in computer science consists of Computer Science 101, 104, 211, 311, 380, and three hours of electives in computer science; Business Administration 421; and Math 213. A proficiency test is available for Computer Science 101 and 104 for those students who already have knowledge in those areas.

- 101. Introduction to Computer Technology and Microprocessing**—A survey of both the technical areas of computer processing and analysis of the technology and capability of the microcomputer. Laboratory use of a computer is an integral part of the course. A proficiency test is available for

those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.

104. **Basic Programming**—An introduction to programming in BASIC with applications in business, science, and social sciences. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
211. **Programming I**—An introduction to all aspects of programming and the problem solving process. A structured high level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 101 or permission of instructor. Four semester hours.
212. **Programming II**—A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, data structures, and graphics are included. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Four semester hours.
214. **System Documentation**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Not applicable toward an English major or minor. Prerequisite: A computer language. Offered alternate years. Two semester hours.
215. **Introduction to Computer Systems**—An introduction to computer architecture and assembler language, including basic instructions, subroutines, control structures, data manipulation, input/output, program design, and block data operations. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
275. **Word/Information Processing**—A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves “hands-on” experience with a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
310. **Data Structures**—A study of data structures utilizing algorithmic analysis and design criterion. Included are lists, stacks, queues, linear structures, trees, strings, and sorting. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
311. **Database Management**—A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
322. **Survey of Programming Languages**—A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 211. Offered alternate years. Three semester hours.

331. **Management Information Systems (MIS)**—A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 212. Offered alternate years. Three semester hours.
341. **Systems Analysis and Design**—A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Prerequisite: Computer Science 211. Three semester hours.
380. **Special Topics**—A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Three semester hours.
431. **Operating Systems**—A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multiprogramming and timesharing, command languages and JCL, libraries and linkage editors, and multiuser systems. Prerequisite: Computer Science 212. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT PROGRAM

In the spring of 1988, the college administration approved the establishment of a legal assistant program which is now under development. Initial courses are scheduled to be offered in the fall of 1988. The legal assistant program can be the major in a baccalaureate program or for mature students with special needs, can be taken as a certificate (non-degree program). Within the legal assistant program two different emphases are available: a secretarial program with computer, interviewing, and management/organizational skills as well as some legal content courses or a paralegal program with heavier emphasis on legal content, but with prerequisite research and computer and communication skills as well.

Further inquiries are invited.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

A four-year Bachelor degree program with a major in Office Administration.

A two-year Associate in Science degree program with a major in Secretarial Services.

A two-year Secretarial Services Certificate program.

Bachelor's Degree

Students may work toward the Bachelor of Science degree with a major in Office Administration, or, by taking a foreign language through the intermediate year, may work toward a Bachelor of Arts degree with a major in Office Administration.

Office Administration majors must complete thirty-two semester hours of work in Accounting, Business Administration, Economics, and Office Administration including Accounting 211-212; Economics 201-202; Office Administration 131-132*, 351, 352, 470, 472, and 380. The remaining three hours may be chosen from any of these academic areas.

A student who wishes to certify for the teaching of business education should also complete Office Administration 231-232, 243-244, and Business Administration 321, as well as the required education courses.

The minor consists of eighteen hours to be determined in consultation with the adviser.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 100; Accounting 211-212; Economics 201-202; Office Administration 131-132*, 143-144*, 231-232, 351, 352, 470, 472; two hours of physical education activity courses; three hours of electives in Office Administration, and three hours of general electives.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 100; Office Administration 131-132*, 143-144*, 231-232, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twenty-two hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

131. **Keyboarding**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
132. **Business Typing**—Format and typing of personal correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 gross words per minute typing speed. Two semester hours.
- 143-144. **Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. **Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.

- 243-244. **Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
275. **Word Processing**—See Computer Science 275.
331. **Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules. Prerequisite: Office Administration 231. Three semester hours.
351. **Business English**—A review of English grammar and a study of the various types of business letters emphasizing the principles underlying effective business letters and providing practice in applying these principles. Three semester hours.
352. **Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the “you-attitude,” and verbal precision. Two semester hours.
360. **Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Two semester hours.
380. **Automated Business Applications**—A study of the use of computers in office administration and administrative services. Emphasis is placed on the management aspects of office automation, including information retrieval, graphics preparation, time management, financial controls, and employee-information systems. Prerequisite: Accounting 211. Three semester hours.
470. **Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
472. **Secretarial Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231-232 and 243-244. Three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the teacher education student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters a student will do ten weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

The Milligan student is admitted to the teacher education in two stages. The first level of admission is accomplished by completing an application, having a grade point average of 2.25, and completing the Pre-Professional Skills Test (PPST) with the Tennessee approved grade. The health form and the psychological test which are a part of the original admission to the College will be examined as a part of this teacher education admissions decision. Transfer students can begin taking education courses if they have a grade point average of 2.5. Admission for the transfer student should be completed during the first semester of enrollment. The PPST will be given each semester. Full admission is achieved when a student has a grade point average of 2.5. All seniors must have full admission to continue in the program.



Admission to teacher education is a prerequisite to enrolling in the following courses: Health and Physical Education 203, 300; Biology 350; Muisc 351, 451, 452; and Education 315, 316, 317, 404, 407, 421, 432, 433, 434, 441, 442, 443, 461, 471, and 481.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to certification in states throughout the nation.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 153, 407 and Psychology 252. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only eighteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience is a ten week experience in an assigned school. The students will observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Elementary Education students should plan to enroll in a block arrangement three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a period of time to work with a reading group in the school.

The elementary education semester includes Education 230 (If the student has taken Education 231, this course is not required.), 404, 412, and 421. The secondary education semester includes Education 230, 317, 404, 472, and 461 or 481. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in elementary education is designed for those desiring careers as elementary school teachers. The general education requirements for this major include Bible 123, 124, 471; Theatre 101; Humanaties 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 101; Sociology 201; and two hours of physical education activities.

The elementary education major consists of Math 103, 104, 105; Health and Physical Education 111, 203, 208, 311 (1 hour); Art 203, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 153, 230, 315, 316, 404, 407, 412, and 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education. The Biblical Studies concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 111, 112, 204, 211, 213, and 215. The Science concentration includes Biology 360 and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 103, 104, 150, 251; Physics 201, 202. (Both biology and physical science should be represented in this choice.) The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311, 402; Theatre Arts 151 or 340; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education majors may choose to take a second major instead of one of the areas of concentration described above. Elementary Education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. The following areas are certification endorsement areas: Biology, Business, Chemistry, English, History, Mathematics, Psychology, Sociology, French, Spanish, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: Health and Physical Education 111; Sociology 303; one hour of physical education activity; Mathematics 107; and twenty-four hours of professional education which must include Education 153, 230, 317, 404, 407, 471, 472, 481, and Psychology 252. An English major must complete four hours in Education 317.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 107 to their general education program and the twenty-four hours of professional education. Music students should add, in addition to Mathematics 107, four hours of health and physical education (this requirement can include Sociology 303) to their general education program and also include the twenty-four hours of professional education.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231, 315, 316, 432, 433, 434, 436, and 437; Psychology 357 or 353 and 454; and Health and Physical Education 406.

Early Childhood Curriculum

The following courses should be added to the elementary education program in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.



153. A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.
230. **Exceptional Children in the Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course includes a discussion of the mainstreaming approach to teaching exceptional children. Two semester hours.
231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**—See Psychology 252.

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**—A study of the diagnosis of reading skills and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.
317. **Secondary School Reading**—A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Two to four semester hours.
404. **Learning in the Schools**—A discussion of the application in the school of learning theory and testing principles. One semester hour.
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
436. **Speech for Exceptional Children**—A study of the normal and abnormal speech and language development including a survey of major speech disorders and a description of remediation for speech and language problems. Three semester hours.
437. **The Mentally Retarded Child**—A study of the causes and

- characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development. Kindergarten program, curricula, routine activities, records, and parent-teacher relationships will be emphasized. Three semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
471. **Materials and Methods in Specific Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—Study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.



A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300, 301, 311, 312, 403, 404, 406, and 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

101. **Fitness for Life**—A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of

- drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
 152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
 153. **Golf and Racquetball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
 154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
 155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
 156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
 157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with the student's ability and available apparatus. One semester hour.
 158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
 159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
 161. **Archery and Racquetball**—Knowledge and skill development in target archery and racquetball. One semester hour.
 199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
 203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
 204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
 205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
 206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
 207. **Conditioning Exercises and Weight Training**—A study of theory

and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.

208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum

- development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consists of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 251; and Mathematics 111 and 112. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-two hours of biology courses which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; Mathematics 111 and 112, with calculus recommended; and Physics 203 and 204.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 101, 102, 150, 251, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. General Biology—An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.

120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.
341. **Animal Histology**—A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior

and distribution, energy and material cycles, and populations. Prerequisite: One semester of Biology. Four semester hours.

362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: One semester of Biology. Offered alternate years. Four semester hours.
380. **Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
440. **Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
490. **Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisite: Twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 101, 102, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Math 303 and Physics 203 and 204 are also required.

The chemistry minor consists of twenty hours including Chemistry 301, 302, 303, 304, and either 202 or 310.

101-102. **General Chemistry**—A study of the principles of general chemistry including qualitative analysis. Prerequisite: Algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours of lecture and one three hour laboratory per week. Four semester hours each semester.

150. **Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.

202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
203. **Instrumental Analysis**—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Four hours lecture and three hours laboratory per week. Four semester hours.
251. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 102. Three semester hours.
302. **Organic Chemistry**—A study of the preparation properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
303. **Organic Chemistry Laboratory**—An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
304. **Organic Chemistry Laboratory II**—Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
310. **Biochemistry**—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 102, 202, and Physics 203-204. Four semester hours each semester.
405. **Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty

hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in Mathematics, the major shall consist of thirty semester hours, which must include Math 211, 212, 303, and eighteen additional hours of Math courses numbered above 200. Especially recommended are Math 305, 307, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in Mathematics, the major shall consist of thirty-six semester hours, which must include Math 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Math 305, 307, and 314, as well as 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics shall require twenty-four semester hours which must include 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the Elementary Education major, the concentration includes Math 111, 112, 211, 213, and 215 and Computer Science 104.

090. **Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Not for credit toward any major or minor. One semester hour.

103. **Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Three semester hours.

104. **Fundamental Concepts**—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching

- strategies for each of these. This course is appropriate only for students majoring in elementary education. Three semester hours.
105. **Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. This course is appropriate only for students majoring in elementary education. Two semester hours.
107. **Principles of Mathematics**—An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.
111. **Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.
112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Prerequisite: Math 111 or equivalent. Three semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors

and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.

307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 212. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 303. Offered alternate years. Three semester hours.
314. **Probability and Statistics I**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 212. Three semester hours.
315. **Probability and Statistics II**—A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.



351. **Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 305 and 307. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—A study of the methods and principles of formal logic and reasoning, including an introduction to the various types of fallacies, as well as an analysis of the different structures and forms of argument. Prerequisite: Math 212. Three semester hours.
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 305 and a computer language. Offered alternate years. Three semester hours.
411. **Introduction to Analysis**—A study of some of the following topics: real and complex number systems, elements of point-set theory, convergence, continuity, differentiation, the Riemann integral, sequences and series of functions, measure, and generalized integration. Prerequisite: Math 310. Offered alternate years. Three semester hours.
490. **Independent Study**—Individual work in mathematics under the direct supervision of an instructor. Prerequisite: Twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

PHYSICS

104. **Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 203-204. **General Physics/Calculus**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motions, sound, light, and modern physics are studied in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning



Dr. Robert B. Hall, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student certifying in Special Education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

101. **World Geography: Regional and Cultural**—A study of the world, including its regions, nations and cultures. Map activities are included. Three semester hours.
102. **World Geography: Political and Economic**—A study of the world, its nations, political realms, and economic systems. Map activities are included. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes, retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the opposite direction. In this case the course work will be concentrated in the area of business with fewer courses in the social sciences. A field work internship with an agency is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing in other states without re-examination.

Option 1—Emphasis on Psychology and Sociology

Soc 201	Introduction to Sociology	3
303	Family	3
321	Sociology of Death and Dying	3
413	Seminar in Aging and Retirement	3
426	Sociology of Small Groups	3
491	Field Work	6
Psy 250	General Psychology	3
252	Developmental Psychology	3
353	Personality Theory	3
357	Counseling	3
358	Abnormal Psychology	3
		<u>36</u> semester hours
Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
B. Adm.	361 Principles of Management	3
	One of the following courses must be completed.	
B. Adm.	315 Marketing	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
		<u>3</u>
		18 semester hours

Option 2—Emphasis on Business Administration

Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
Econ.	301 Corporate Finance	3
B. Adm.	315 Marketing	3
	361 Principles of Management	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
	491 Field Work	6
		<u>6</u>
		36 semester hours
Soc 201	Introduction to Sociology	3
	321 Sociology of Death and Dying	3
	413 Seminar in Aging and Retirement	3
Psy 250	General Psychology	3
	252 Developmental Psychology	3
	357 Counseling	3
		<u>3</u>
		18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**—See Christian Ministries 271.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors and minors. One semester hour.
306. **Medieval History**—A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**—A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
324. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the Sixteenth Century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
377. **The Middle Period: 1840-1880**—A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Three semester hours.
379. **The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with

specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.

380. **America in the Twentieth Century**—A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 431-432. **Reformation of the Nineteenth Century**— A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
445. **Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Area of Social Learning provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop programs in psychology, sociology, social agencies, and youth leadership. The B.S. degree requires thirty-six hours. The B.A. degree requires thirty hours plus twelve hours of a foreign language. A major in human relations requires a core program of nine hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

*Sociology 201 (3 hours) Psychology 250 (3 hours)
 Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology

Track Two: Sociology and Anthropology

Track Three: Social Agencies**

Track Four: Youth Leadership

Required

Courses: (12 hrs.)

Psy. 259
 Psy. 353
 Psy. 401
 Math 213

Required

Courses: (9 hrs.)

Soc. 210
 Soc. 401
 Soc. 451

Required

Courses: (15 hrs.)

Soc. 311
 Soc. 403
 Soc. 451
 Soc. 491 (6 hrs.)

Required

Courses: (11-13 hrs.)

Soc. 203
 Psy. 357
 H&PE 409
 H&PE 491 (4-6 hrs.)

Suggested Electives:

Any other
 Psychology
 courses
 CS 104

Suggested Electives:

Math 213
 Soc. 311
 Soc. 312
 Soc. 314
 Soc. 360
 Soc. 403
 Soc. 413
 Soc. 414
 Soc. 421
 Soc. 426
 Soc. 456
 Soc. 461
 Soc. 490
 Soc. 491

Suggested Electives:

Psy. 252
 Psy. 352
 Psy. 353
 Psy. 358
 Psy. 401
 Soc. 210
 Soc. 311
 Soc. 312
 Soc. 413
 Soc. 426
 Soc. 490

Suggested Electives:

CM 261
 CM 318
 Psy. 252
 Psy. 358
 Soc. 311
 Soc. 312
 Soc. 314
 Soc. 360
 Soc. 403
 Soc. 426

**For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

*Not required for Track One.

Human Relations Minors

A minor in human relations is eighteen hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
Required Courses: (15 hrs.) Psy. 250 Psy. 259 Psy. 350 Psy. 353 Soc. 201	Required Courses: (15 hrs.) Psy. 250 Soc. 201 Soc. 210 Soc. 303 Soc. 451	Required Courses: (15 hrs.) Soc. 201 Soc. 303 Soc. 311 Soc. 403 Psy. 250	Required Courses: (14-18 hrs.) Soc. 201 Psy. 250 Soc. 303 or Psy. 350 Soc. 203 H&PE 409 H&PE 491 (1-4 hrs.)
Recommended Electives: (3 hrs.) Math 213 Psy. 252 Psy. 357 Psy. 358 Soc. 303 Soc. 426 To be chosen with written approval of Track Chairman	Recommended Electives: (3 hrs.) Math 213 Psy. 350 Soc. 311 Soc. 314 Soc. 401 Soc. 426	Recommended Electives: (3 hrs.) Pol. Sci. 304 Psy. 350 Psy. 352 Psy. 353 Psy. 458	Recommended Electives: CM 261 CM 318 CM 321 Psy. 252 Psy. 358 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 426
Other Possible Electives: Soc. 210 Soc. 360 Soc. 414 Any other Psy. course	Other Possible Electives: Any other Soc. course	Other Possible Electives: B.Adm. 361 B.Adm. 363 Econ. 201-202 Psy. 401 Any other Soc. course	



POLITICAL SCIENCE

203. **American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
290. **Independent Study**—Individualized study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
304. **Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
360. **The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.
361. **Domestic Policies**—The content of the course varies with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
370. **International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position of government under adequate supervision for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to ensure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

100. **Principles of College Success**—A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources

- such as time and money, a growing awareness of self, effective methods of relating to peers, and development of one's faith in the Lord. Required of all freshmen during the first semester of attendance. One semester hour.
250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
259. **Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
352. **Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358 as a required course for psychology majors and minors. Prerequisite: Psychology 250. Three semester hours.
357. **Introduction to the Theory and Practice of Counseling**—A course designed for students to learn counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.

404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.
427. **Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
450. **Psychology of Religion**—A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.
452. **Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
454. **Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and application of sociological knowledge. The major and minor (Human Relations Track II) are designed to ensure that each student will receive a broad background in sociology while at the same time offering opportunities to pursue specialization in an interest area.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan a curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

201. **Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
203. **Introduction to Youth Leadership**—A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
311. **The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.



312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology**—See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world and an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—An advanced program of readings in sociology and anthropology designed to

broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.

461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1988

Charles E. Allen, Physician, Johnson City, TN
John Banks, Attorney, Elizabethton, TN
Russell F. Blowers, Minister, Indianapolis, IN
H. Joseph Bourn, Investment Counselor, Chicago, IL
William R. Clem, Businessman, Lexington, KY
Horace W. Dabney, Businessman, Louisville, KY
D. E. Detraz, Businessman, Tarpon Springs, FL
W. Edward Fine, Minister, St. Petersburg, FL
Dennis Fulk, Businessman, Carmel, IN
Marshall W. Hayden, Minister, Worthington, OH
Don Jeanes, Minister, Houston, TX
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John Love, Realtor, Johnson City, TN
Donald Marshall, Minister, Elizabethton, TN, *Chairman*
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Geoffrey Salyer, Businessman, Elkhorn City, KY
J. Donald Sams, Administrator, Mt. Healthy Christian Home, Cincinnati, OH, *Secretary*
Ralph Small, Retired Publisher, Cincinnati, OH
Dan Stuecher, Minister, Safety Harbor, FL
J. Marvin Swiney, President, Mountain Mission School, Grundy, VA
George O. Walker, Retired Insurance Executive, LaVerne, CA
Robert A. Walther, Minister, Canton, OH
Mark H. Webb, Dentist, Bristol, TN
John J. Wiggins, Insurance Executive, Plainfield, IN
Eugene H. Wigginton, Publisher, Standard Publishing Company, Cincinnati, OH
Lidy Wyatt, Hamilton Bank Executive, Johnson City, TN

Leonard Wymore, Executive Director, Double Vision, Phoenix, AZ
Harold Zimmerman, Retired Business Executive, Indianapolis, IN

Trustees Emeriti

Robert E. Banks, Attorney, Elizabethton, TN
Samuel C. Bower, Physician, Mill Hall, PA
Theodore Cord, Minister, Sioux City, IA
Jack Covington, Contractor, Winston-Salem, NC
Jordan Crouch, Banker, Reno, NV
Harry Guion, Retired Insurance Executive, Indianapolis, IN
Leslie L. Lumsden, Retired Businessman, Elizabethton, TN
C. Howard McCorkle, Retired Educator, Johnson City, TN
Jack R. Musick, Circuit Court Judge, Elizabethton, TN
Wade Patrick, Businessman, Johnson City, TN
John U. Phelps, Minister, Clemmons, NC
Frank L. Wiegand, Attorney, Pittsburgh, PA

The Advisers, January, 1988

Sylvan Amstutz, Businessman, Orrville, OH
William B. Anderson, Minister, Erwin, TN
Brett J. Andrews, Minister, Springfield, VA
Harold E. Armstrong, Minister, Columbus, IN
Dewey R. Barker, Bel Air, MD
Robert E. Belloir, Minister, East Point, GA
Phil Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman, Davidsonville, MD
Michael Bradford, Director of Communication, Christian Church Homes of
Kentucky, Louisville, KY
Clyde Broyles, Jr., Businessman, Elizabethton, TN
Reno G. Bureson, Contractor, Johnson City, TN
L.D. Campbell, Minister, Florence, KY
Victor Carpenter, Businessman, Louisville, KY
Samuel H. Clark, Jr., Retired, Bristol, TN
Norman W. Conner, Minister, Santa Ana, CA
Gerald Cook, Businessman, Cincinnati, OH
Michael Corey, Elevator Constructor, McCordsville, IN
E. Richard Crabtree, Minister, Colorado Springs, CO
Donald Crum, Business Executive, Edgewood, KY
Gary A. Deater, Hospital Administrator, Lebanon, IN
Sherry Detraz, Teacher, Dunedin, FL
Ron DeLong, Businessman and Evangelist, Carmel, IN
Harold J. DeVault, Businessman, Concord, TN
Judy Ebert, Churchwoman, New Port Richey, FL
Robert M. Elliott, Retired Educator, Kingsport, TN
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, GA
William F. Faddock, Physician, Fayetteville, GA
Jack Gardner, Banker, Erwin, TN
Jack Gilbert, Executive, Indianapolis, IN
James E. Green, Attorney, Victoria, TX
William F. Hall, Minister, Homer, IL
Omer Hamlin, Jr., Librarian, University of Kentucky Medical School,
Lexington, KY
Joseph Harper, Businessman, Ironton, OH
Wayne Hay, Parole Officer, State of Kentucky, Louisville, KY
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, TN

- Robert L. Huckstep, Businessman, Charlottesville, VA
David C. Hughston, Insurance Executive, Brownsville, TX
Nelson Humphreys, Business Executive, Greeneville, TN
Darla Irvin, Churchwoman, Lock Haven, PA
E. Glenn Isaacs, Business Executive, Elizabethton, TN
E.P. Jones, Executive, Boy Scouts of America, Atlanta, GA
Sue Kettelson, Churchwoman, Simpsonville, SC
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
David Marler, Chaplain, Veterans Administration, Indianapolis, IN
Karl M. Marshall, Minister, Paris, IL, *Vice Chairman*
Brewster McLeod, Minister, Lexington, KY
Gordon Mehaffey, Insurance Executive and Minister, Dublin, IN
John P. Mills, Minister, Painesville, OH
William A. Nice, Physician, Bloomington, IN
William O. Norris, Retired Minister, Johnson City, TN
Paul F. Nourse, Minister, Evansville, IN
Robert W. Paswater, Minister, Indianapolis, IN
Cameron Perry, Bank Executive, Johnson City, TN
Gary D. Porter, Administrator, Children's Home, Wooster, OH
Walter Puckett, Minister, Crown Point, IN
David Pugh, Teacher, Indianapolis, IN
Doug Ragsdale, Elkhorn City, KY
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard Publishing Company, Cincinnati, OH, *Chairman*
Richard Sargent, Minister, Chicago, IL
James D. Saunders, Minister, Louisville, KY
Laurie Schreiner, Professor, Kentucky Christian College, Grayson, KY, *Secretary*
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, IBM, Roanoke, VA
Debbie Smith, Accountant, Indianapolis, IN
Frank S. Smith, Retired Minister, Piney Flats, TN
Ronald S. Spotts, Businessman, Beech Creek, PA
Loren Stuckenbruck, European Evangelistic Association, Tuebingen, Germany
Joseph E. Sutherland, Counselor and Lecturer, Mason, OH
John Wakefield, Minister, Cincinnati, OH
David Wead, Minister, Nashville, TN
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Teacher, Jersey Shore, PA
Ted H. Wood, Business Executive, Lombard, IL
Ron Zimmerman, Business Executive, Indianapolis, IN

FACULTY AND ADMINISTRATION JANUARY, 1988

MARSHALL J. LEGGETT, President (1982)

A.B. Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

DEAN EVEREST WALKER, Chancellor (1950)

B.A., Tri-State college; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

President's Cabinet

GARY E. WEEDMAN, Academic Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Dean of Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University.

J. DAVID ROSE, Director of Development (1986)

A.B., Milligan College.

MARK A. MATSON, Controller (1984)

B.S., Humboldt State University; Fuller Theological Seminary; Emmanuel School of Religion.

Administration

ROBERT E. ALLEN, Director of Church Relations (1986)

B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

PAUL BADER, Director of Admissions (1976-1985, 1987)

B.S., Milligan College; St. Louis Christian College; Emmanuel School of Religion; East Tennessee State University.

LEONARD BEATTIE, Physical Plant Director (1986)

RON EVERSOLE, Director of Alumni/Public Relations (1981)

B.A., Cincinnati Bible Seminary.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

PATRICIA K. MARLOW, Financial Aid Counselor (1984)

East Tennessee University; Tri-Cities State Tech; Milligan College.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

KATHY SMITH, Director of Personnel and Mailroom Supervisor (1984)

B.S., Auburn University; Milligan College.

MIKE SMITH, Data Processing Manager (1981)

B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

GEORGE A. FINCHUM, Professor of Education and Geography (1987)

B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University, Krakow, Poland.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Joel O. and Mabel Stephens Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

RICHARD D. LURA, Professor of Chemistry (1971)

B.A., University of Wisconsin; Ph.D., Iowa State University.

EUGENE NIX, Professor of Chemistry (1967)

B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

RICHARD PHILLIPS, Professor of Bible (1967)

B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)

B.A., M.A., Duke University; Harvard University.

DUARD B. WALKER, Professor of Health and Physical Education (1951)

B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.

GARY O. WALLACE, Professor of Biology (1967-68, 1971)

B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker
Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D.,
Southern Baptist Theological Seminary; Butler University; Union
Theological Seminary; Oxford University.

Associate Professors

BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director
of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of
Maryland; School of Law, University of Richmond.

THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; East Tennessee
State University; University of Maryland-Baltimore; Morgan State
University.

JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological
Seminary; Memphis State University.

TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

SUSAN GAYLE HIGGINS, Associate Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.

JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois;
Milligan College.

JACK L. KNOWLES, Associate Professor of English (1970)
B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio
State University.

JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory
University; Vanderbilt University.

CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of
Kentucky.

R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological
Seminary.

DAVID C. RUNNER, Associate Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of
Music, University of Rochester.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S.,
Princeton Theological Seminary; Michigan State University; Cincinnati
Bible Seminary; East Tennessee State University; University Hamburg.

JAMES L. STREET, Associate Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia;
West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky;
M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; University of
Strasbourg; East Tennessee State University.

Assistant Professors

TIM DILLON, Assistant Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison;
Emmanuel School of Religion.

THOMAS R. FANNEY, Assistant Professor of Mathematics (1987)
B.A., Virginia Wesleyan College; M.S., Colorado State University; Virginia
Polytechnic Institute and State University.

ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University
of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education
(1985)
B.S., Milligan College; M.S., Ball State University; Purdue University;
Arizona State University; East Tennessee State University.

DIANE JUNKER, Assistant Professor of Chemistry (1984)
B.S., Milligan College; Baylor University; University of Pittsburgh.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical
Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

J. DAVID KNOECKLEIN, Assistant Professor of Art and Humanities (1985)
B.A., Boise Bible College; M.A., Lincoln Christian Seminary; M.S.,
Illinois State University; Boise State University.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

PATRICIA P. MAGNESS, Assistant Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University;
Georgia State University; Emory University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia,
Certified Public Accountant.

RICHARD MAJOR, Assistant Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio
University.

NORMA J. MORRISON, Assistant Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T.,
East Tennessee State University; Milligan College; University of Oregon.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration
(1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson
College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East
Tennessee State University; Kansas State University; University of South
Florida.

CAROLYN E. WALSH, Assistant Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University.

DENNIS L. WILLIAMS, Assistant Professor of Music (1987)
B.M.E., Indiana University of Music; M.C.M., D.M.A., Southern Baptist Seminary School of Music; Westminster Choir College; University of Michigan; University of Louisville.

New Faculty and Administration

The following will be joining the faculty and administration for the 1988-89 year:

HOWARD F. NOURSE, Director of Development
B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State University.

JOSEPH M. WEBB, Professor of Communication and Preaching
B.A., Lincoln Christian College; M.S., Ph.D., University of Illinois.

Support Personnel

JENNIFER HOLLOWELL, Admissions Counselor
LUSETTA JENKINS, Reference Librarian
PAMELA JENNETT, Admissions Counselor
MICHAEL JOHNSON, Admissions Counselor
ANITA LaVALLEE, Admissions Counselor
OPAL B. LYONS, Acting Director of Health Services
MARTHA STOUGHTON, Office Manager, Admissions Office
TONY WALLINGFORD, Head Men's Basketball Coach

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor Emeritus of Health and Physical Education (1958)

ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)

ROBERT O. FIFE, Professor-at-Large (1954)

HOWARD A. HAYES, Professor Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)

IVOR JONES, Professor Emeritus of History (1942)

JUANITA JONES, Associate Professor Emeritus of English (1968)

JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)

EUEL J. OWNBY, Associate Professor Emeritus of Education (1961)

JAMES L. SHIELDS, Professor Emeritus of Education (1959)

LONE L. SISK, Professor Emeritus of Chemistry (1948)

EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)

C. ROBERT WETZEL, Professor-at-Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

- The Hoover-Price Trust Fund
- The McWane Foundation Fund
- The Waddy Trust Fund
- The Adam B. Crouch Memorial Fund
- The Hopwood Memorial Fund
- The Elizabethton Endowment Fund
- The Derthick Memorial Fund
- The Kelton Todd Miller Memorial Fund
- The Horace E. and Mary Surepta Burnham Memorial Fund
- The Anglin Fund
- The Aylette Rains Van Hook Memorial Fund
- The McCormick Fund
- The Philip Scharfstein Scholarship Fund
- The Webb D. Sutton Trust Fund
- The Edith B. Cottrell Memorial Fund
- The Milligan College Memorial Fund
- The Barbara Main Memorial Fund
- The Wiley Wilson Memorial Fund
- The B.D. Phillips Fund
- The George Iverson Baker Memorial Fund
- The Sam Jack and Mary Ellen Hyder Memorial Fund
- The Ada Bennett Memorial Fund
- The Asa F. And Marguerite Cochrane Memorial Fund
- The Stewart-Roberts Fund
- The Arthur H. and Marguerite Miller Memorial Fund
- The Dorothy S. Wilson Memorial Fund
- The Guy and Rhea Oakes Memorial Fund
- The Clarence A. and Evangeline K. Lucas Memorial Fund
- The Joseph R. Crandall Memorial Fund
- The Myrtle C. King Memorial Fund
- The Lone L. Sisk Scholarship Fund
- The Mr. and Mrs. Fred Proffitt Memorial Fund
- The Dr. Charles E. and Florence A. Burns Memorial Fund
- The Dr. H.O. Bolling Memorial fund
- The Ira and Irene Atkinson Memorial Fund
- The John C. Paty, Sr. Memorial Fund
- The Clyde Ratliff Memorial Fund
- The W. Sylvester Hughes Endowment Fund
- The 1968 Class Fund
- The 1976 Class Fund
- The Mrs. William Butler Van Hook Memorial Fund
- The Clem Endowment Fund
- The Clyde and Hassie Ann Smith Memorial Fund
- The Carl C. Monin Memorial Fund
- The 1980 Class Fund
- The Roy G. True Memorial Fund

The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The W. Chamberlain Hale Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The John Wesley and Willie J. Allen Memorial Fund
The Claude R. and Mary Sue Love Memorial Fund
The Rev. J. E. Gordon Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The 1985 Class Fund
The 1987 Class Fund
The Kathleen Adams Bowman Memorial Fund
The T.W. Phillips Memorial Fund
The Living Endowment Fund
The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The 1982 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Iula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Millar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Edens Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Fred Broyles Scholarship Fund
The Kate Rice Blankenship Scholarship Fund

The Clarence and Lela Anderson Brumit Memorial Fund
The Rondah Y. Hyder Memorial Fund
The John L. Kuhn Memorial Fund
The Edgar Ralph Turner Memorial Fund
The Herschell J. Springfield Memorial Fund
The Virginia Burns Elder Memorial Fund
The Harry A. Smith Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The William E. Axamethy Memorial Fund
The 1988 Class Fund
The Ada Bess Hart Memorial Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The 1986 Class Fund
The Mary Archer Memorial Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Art Spahr Endowment Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois—THE DEAN E. WALKER
CHAIR OF CHURCH HISTORY—Professor Henry E. Webb

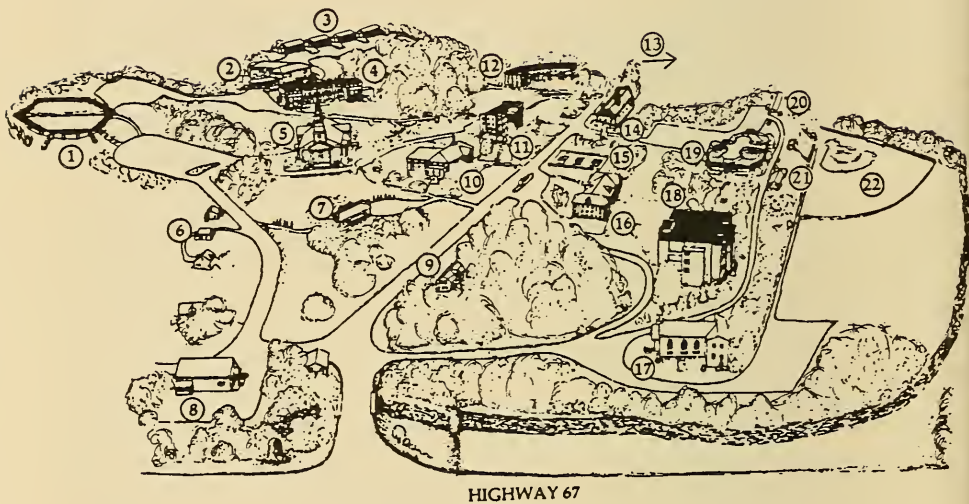
First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT
CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS
CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.



Milligan College Campus



HIGHWAY 67

Key

- | | |
|----------------------------|-----------------------------|
| 1. Lacy Fieldhouse | 12. Webb Hall |
| 2. Hart Hall | 13. Physical Plant |
| 3. Married Student Housing | 14. McMahan Center |
| 4. Sutton Hall | 15. Tennis Courts |
| 5. Seeger Chapel | 16. Hardin Hall |
| 6. Practice House | 17. Hopwood Church |
| 7. Little Hartland | 18. Derthick Hall |
| 8. Post Office | 19. Lawson Science Center |
| 9. McCown Cottage | 20. Faculty Office Building |
| 10. Welshimer Library | 21. Communications Center |
| 11. Pardee Hall | 22. Anglin Field |

INDEX

Academic Information	26	History	88
Accounting	60	Home Economics Education	33
Administrative Officers	102	Honors	30
Admissions	18	Human Relations	91
Advance Deposit	21	Humanities	50
Advanced Placement	19	Laboratory Fees	21
Advisers (Academic)	28	Legal Assistant	66
Application Fee	21	Majors and Minors	28
Applied Music	53	Married Student Housing	8
American Studies Program	33	Mathematics	83
Area of Biblical Learning	35	Medical and Law Students	31
Area of Humane Learning	41	Medical Technology	32
Area of Professional Learning	60	Membership Inside Front Cover	
Area of Scientific Learning	79	Milligan Community	99
Area of Social Learning	87	Missions	39
Areas of Instruction	34	Mortuary Science	32
Art	41	Music	52
Athletics	13	National Teacher Examinations	70
Audit	20	Nature of the College	2
Automobiles	9	Nursing	32
Bible	35	Office Administration	66
Biology	79	Payment of Accounts	22
Board	22	Philosophy	57
Board of Advisers	100	Physics	86
Business and Economics	62	Political Science	93
Business Administration	62	Practice Fee	21
Calendar Inside Back Cover		Probation	30
Campus	13	Professional Organizations	12
Ceremony of Matriculation	20	Psychology	93
Certification	70	Publications	12
Character of the College	5	Recreational Organizations	12
Chemistry	80	Refunds	22
Christian Ministries	37	Religion	38
Church Music	53	Religious Education	37
Classifications	30	Religious Life	10
Class Attendance	27	Reports	30
Communications	42	Representative Organizations	10
Computer Science	64	Required Courses	27
Conduct	8	Requirements for a Degree	26
Convocations	27	Residence	7
Co-operative Programs	31	Returning Students	19
Correspondence Credit	29	R.O.T.C.	32
Dormitories	9	Scholarships	24
Early Childhood Education	72	Secondary Education	71
Economics	64	Secretarial Science (see Office Administration)	66
Education	69	Social Activities	9
Elementary Education	70	Sociology/Anthropology	96
Endowed Chairs	109	Spanish	49
Endowment Funds	107	Special Education	72
Engineering	32	Special Students	19
English	45	Specific Objectives	6
Expenses	20	Speech	58
Faculty	102	Staley Lectures	11
Family Ministry	39	Student Life	7
Fees	20	Student Teaching	70
Financial Aid	23	Studies Abroad	33
Foreign Language	47	Testing Services	29
Foreign Students	20	Textbooks	22
French	48	Theatre Arts	58
Geography	87	Transcripts	30
G.I. Bill	26	Transfer Students	18
German	48	Trustees	99
Grade Point Average	29	Tuition	20
Greek, Hebrew	49	Westwood Foundation	33
Health	9	Withdrawal	31
Health Care Administration	87	Youth Ministries	37
Health & Physical Education	74		
Heritage	3		

The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. Charges are subject to change at anytime. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.



MILLIGAN COLLEGE CALENDAR

Summer Session, 1988

Registration	June 13
First Term Classes	June 13-July 13
Second Term Classes	July 14-August 12

Fall Semester, 1988

Dorms Open to Freshmen	August 27
Conference for Parents of Freshmen	August 27
Freshmen Orientation	August 27-30
Faculty Conference	August 29
Dorms Open to Upperclassmen	August 28
Advising and Registration	August 29-30
Classes Begin	August 31
Matriculation	September 1
Fall Break	5:00 p.m., October 19 to 8:00 a.m., October 25
Thanksgiving Holidays	5:00 p.m., November 23 to 8:00 a.m., November 28
Last Day of Classes	December 16
Final Examination	December 19-22

Spring Semester, 1989

New Student Orientation	January 14
Advising and Registration	January 16-17
Classes Begin	January 18
Spring Break	5:00 p.m., March 23 to (Easter is March 26) 8:00 a.m., April 3
Awards Convocation	May 11
Last Day of Classes	May 12
Final Examinations	May 15-18
Baccalaureate and Commencement	May 21

Summer Session, 1989

Registration	June 12
First Term Classes	June 12-July 12
Second Term Classes	July 13-August 11



Milligan College Library



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