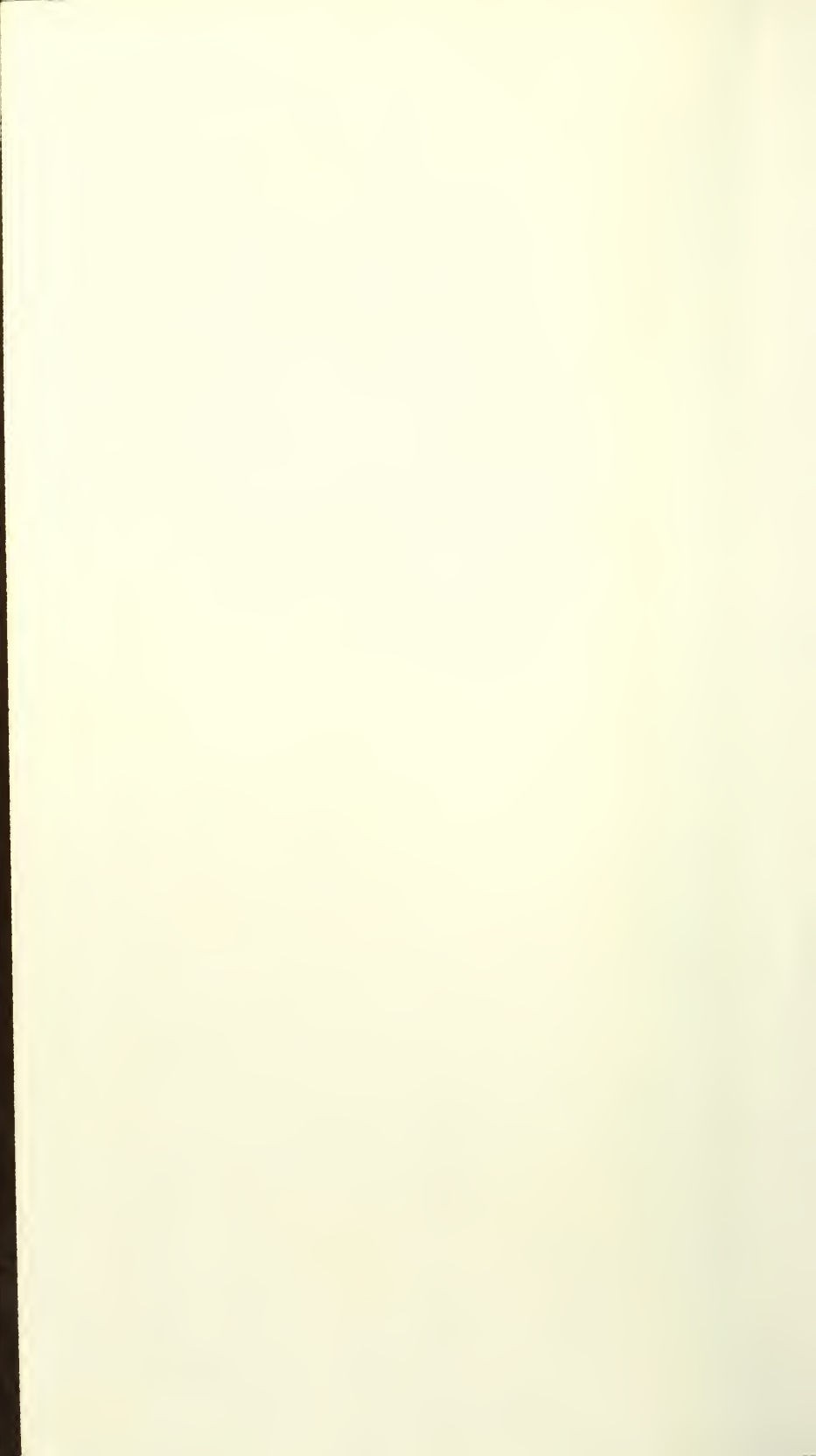


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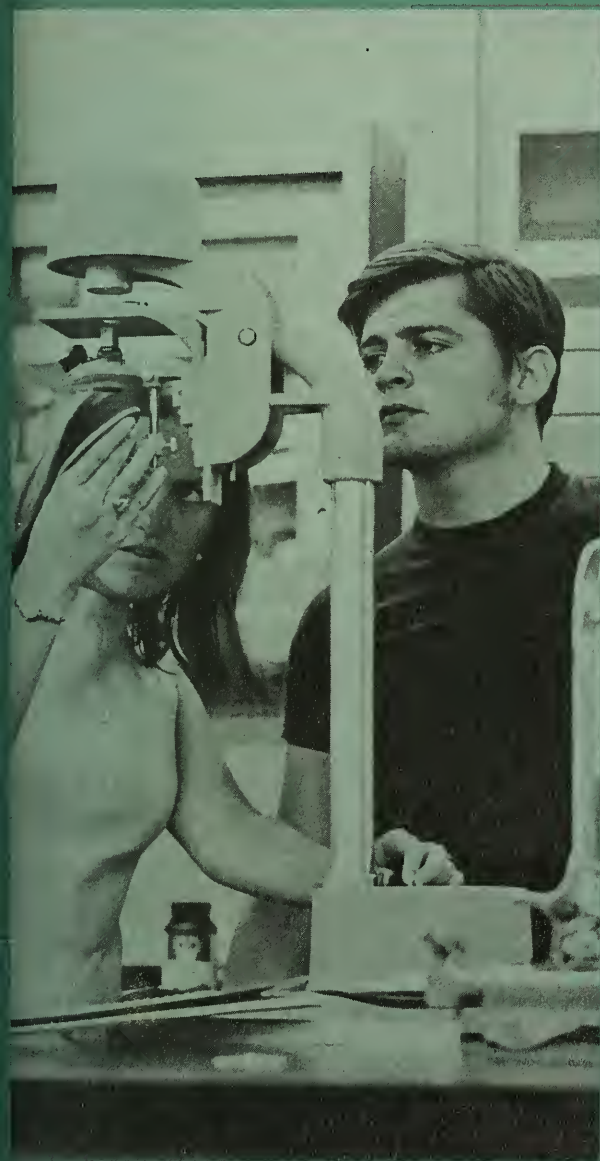







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# MILLIGAN COLLEGE BULLETIN









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# MILLIGAN COLLEGE BULLETIN

MILLIGAN COLLEGE, TENNESSEE



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## MEMBERSHIPS

Milligan College is fully accredited by its regional accrediting agency. Milligan holds full membership in the Southern Association of Colleges and Schools.

Provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level has been granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

Milligan College is a member of the Association of American Colleges, The Tennessee College Association, The Council For the Advancement of Small Colleges, The Council of Protestant Colleges, the Affiliated Independent Colleges of Tennessee, and the American Association of Colleges for Teacher Education.

In athletics Milligan belongs to two athletic conferences—the Volunteer State Athletic Conference and the Tennessee Intercollegiate Athletic Conference. Milligan also holds membership in the National Association of Intercollegiate Athletics.

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## MILLIGAN COLLEGE BULLETIN

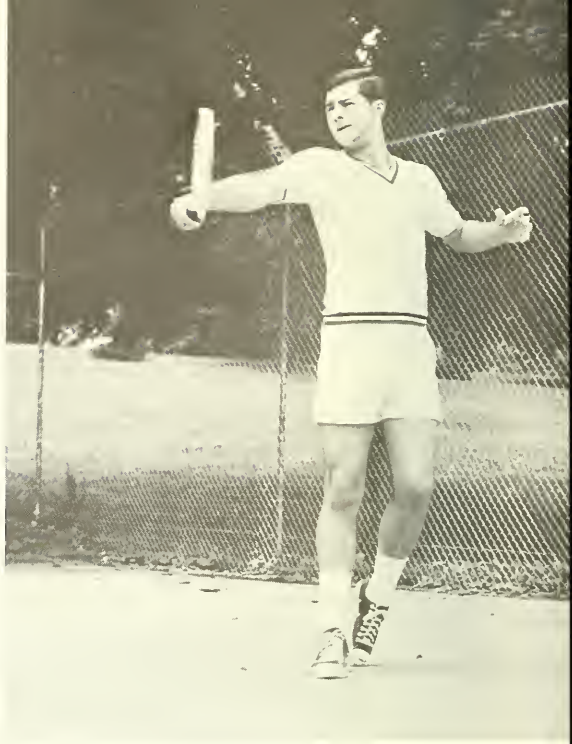
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# AN INTRODUCTION TO THE CAMPUS









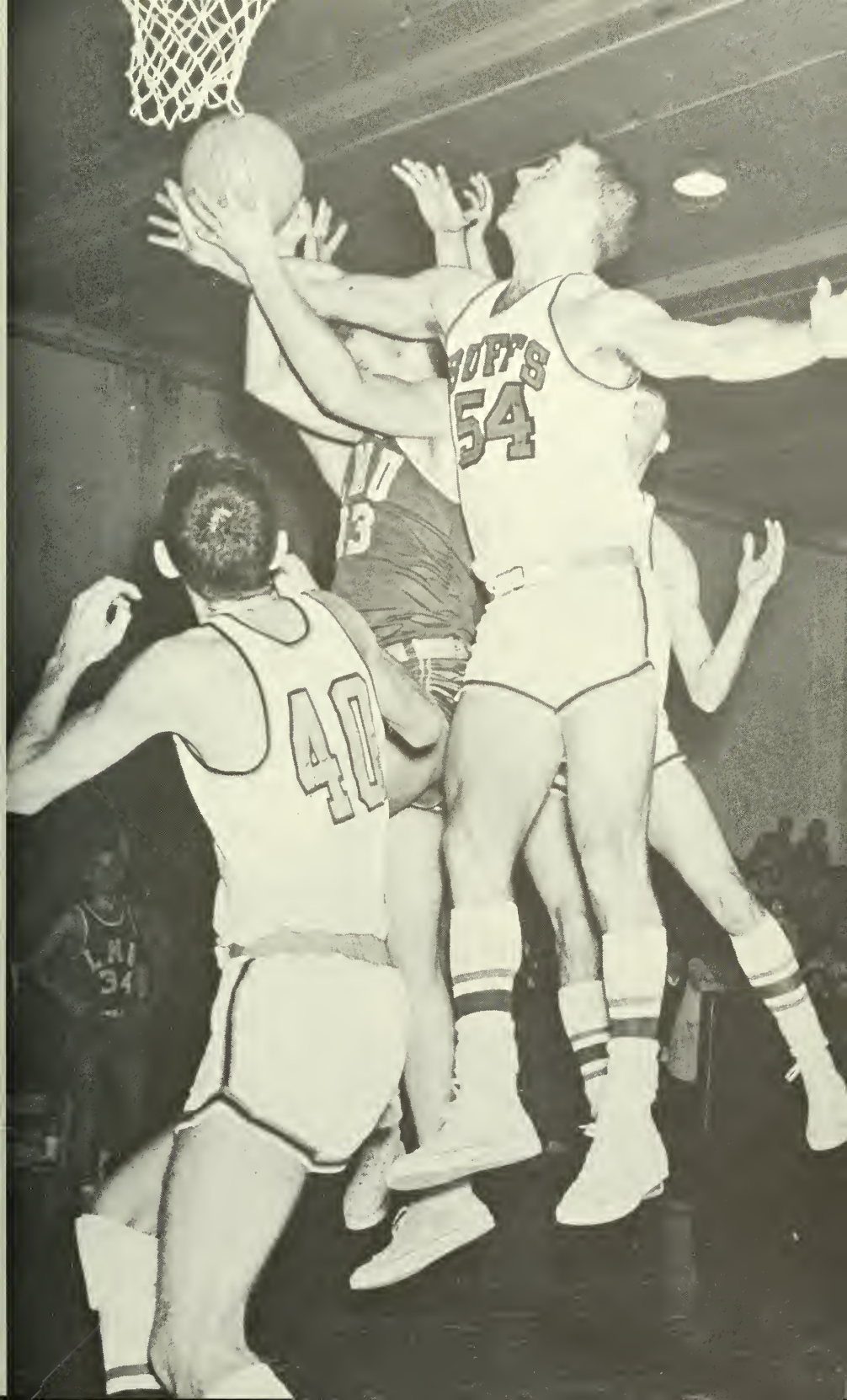










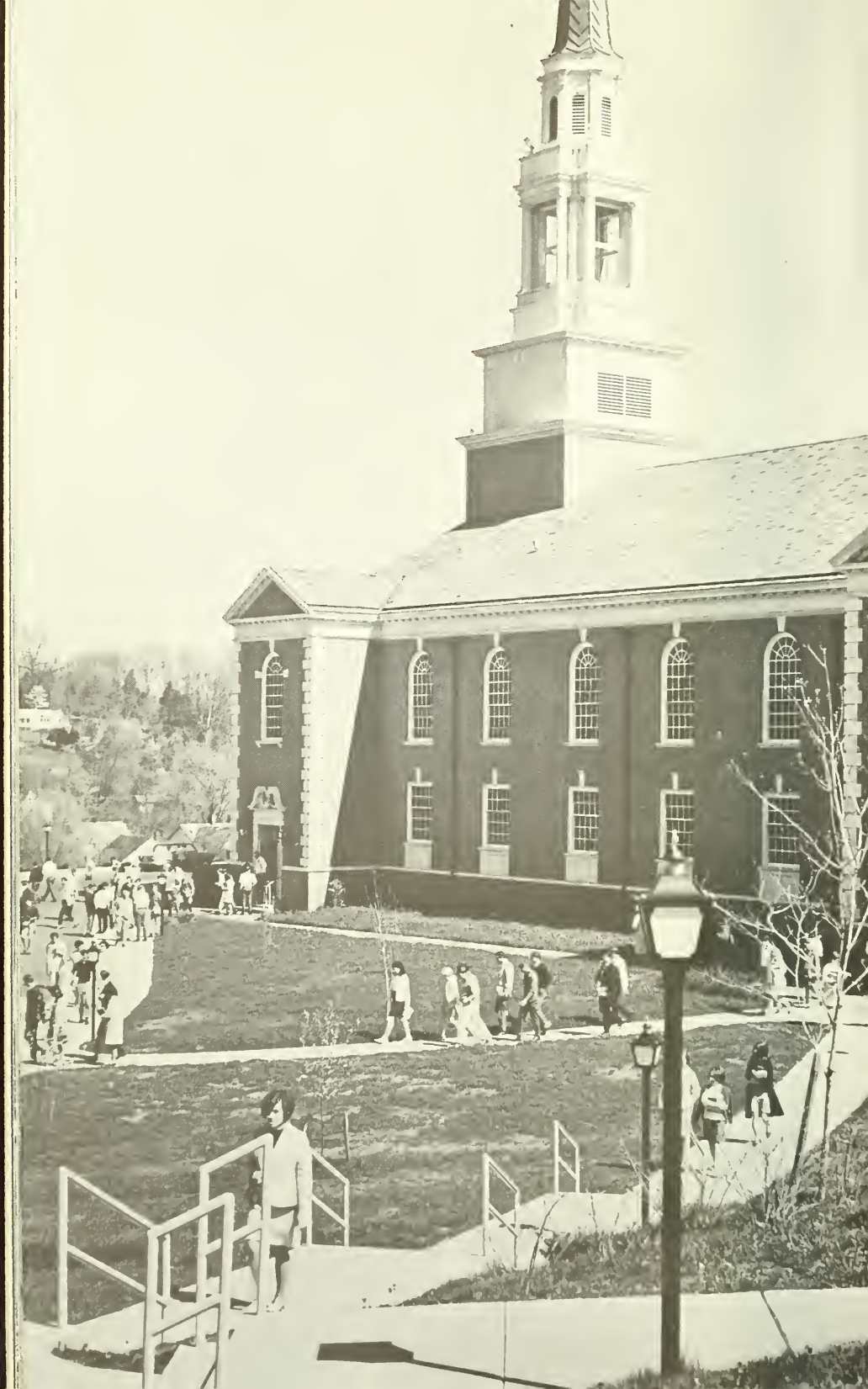












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# THE NATURE OF THE COLLEGE

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## HERITAGE

Milligan College is located in Upper East Tennessee—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 King's Mountain, which battle proved 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—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 institution to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky Uni-

## *Heritage*

versity (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 College—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 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 the Walker 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



## *Heritage*

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. On September 1, 1968, provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level was granted by the National Council for the Accreditation of Teacher Education.

In June of 1968 Dr. Jess W. Johnson, having served in the capacity of executive Vice-President for the past 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.

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 that of including 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, and 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 of 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 interpenetration 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.

## Character

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?" That is, 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 Advisors, 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. The College, therefore, reserves the right to refuse, suspend, or dismiss any student without assignment of reasons, if such action is deemed to be in the interest of 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 Saviour.*

The expression "Jesus is Lord and Saviour" is to be understood in its 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 That  
Will 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 Responsibilities in Society.*

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

*A Knowledge of Sound Scholarship—  
Its Meaning and Application.*

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 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*

All students not commuting from their homes are expected to live in rooms provided by the College and to board at the dining hall. Other arrangements are subject to approval by their respective Deans.

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

Rooms occupied by students must be open for inspection at all times.

The Dormitory Resident or House Mother 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 the occupants of the room.

### *Regulations*

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 the campus or away.

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

1. Rules governing student use of motor vehicles are determined and administered by the Dean of Men. Specific regulations follow.

2. Milligan College has a deep concern for the present and future health of its students. Students who use alcoholic beverages on or off the campus are subject to disciplinary action.

3. Dishonesty in examinations, in class work, or any other aspect of college life is regarded as a serious offense.

4. Social dancing is not a part of the Milligan tradition.

5. The use of tobacco is discouraged because of health reasons. The use of tobacco by men is restricted to designated places. Membership in Milligan College is not open to women who smoke.

6. 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.

### *Automobiles*

The privilege of using an automobile will be denied to any student who is on academic or disciplinary probation. 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.

A student desiring this privilege must make a written request, co-signed by parents or guardian, to the Dean of Men.

A parking fee of \$2.00 per semester will be charged.

### *Social Activities*

7. All social activities should first be approved by the faculty sponsor and then entered on the School Calendar in the office of the Coordinator of Student Life.

### *Dormitories*

The Resident or Housemother in each dormitory, in conference with the Dormitory Council, helps create such a context as might seem conducive to the best community life in the dormitory.

### *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 advisor. This experienced faculty member is concerned that the student benefit from the opportunities afforded by a small college environment. The house mothers and dormitory residents are likewise alert to cultivate personal knowledge and friendship.

## *Student Life*

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 is 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 registered nurse are provided on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse all illness and accidents. Parents will be notified immediately should any student require medical attention other than that provided by the nurse.

The College cannot assume financial liability for 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 insurance program.

## *Religious Life*

Regular church attendance is expected of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church, as well as by a number of other 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 each week. Attendance is required of all students at these convocations.

The student finds many opportunities to develop his prayer and devotional life. The churches in Upper East Tennessee have given much prominence to the mid-week prayer service on Wednesday evenings. Many students elect to close their day's activities in small voluntary assemblies for prayer in a dormitory room or suite. This practice is one of the notable traditions of dormitory life. More formal prayer services are held each Thursday evening in the several dormitories of the College. The Prayer Room in the Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and nightly vespers. Prayer Hill, overlooking the campus, has been the scene of many all-night prayer meetings by the men of Milligan College.

Membership in the Christian Service Club is open to all students in the College. This group meets every Monday evening during the college year with a program of inspirational messages and discussion of religious topics. The specific project of the Christian Service Club is the Gospel Team Program. Usually some eighteen or more Gospel Teams of five members each are formed from the Club. These teams provide regular religious services at the Veterans' Hospital, Mountain Home, Tennessee, as well as in the several churches in the area. The weekend often finds many of these teams scheduled for youth rallies, missionary conferences, and church services in distant places.

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

The Service Seekers is an organization of young women who are preparing for service in the church or one of its agencies.



## *Student Life*

### *Representative Organizations*

Operating under a charter approved by the administration of the College, the Student Council interprets the traditions of the College and seeks ways and means of stimulating campus activities within the framework of the aims of Milligan.

The Student Council consists of the following elected members: the president and vice-president of the student body, the president of each class, and two other representatives from each class, one woman and one man.

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. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Chorale is devoted to singing the great anthems and songs of the church.

The Chapel Choir is an organization performing only on campus.

Other choral organizations include the Chamber Singers and Women's Ensemble.

### *Athletics*

Milligan College encourages participation in intercollegiate athletics on a non-professional basis. No scholarships are granted for participation in sports.

Milligan College is represented in intercollegiate athletics in basketball, baseball, track, tennis, wrestling, golf, and cross-country.

The intramural program of athletics is designed to encourage participation by all of the students in some sport. A choice of sports is offered in basketball, touch-football, soccer, volleyball, bowling, archery, tennis, badminton, table tennis, horseshoe, swimming, and softball.

Approximately eighty-five per cent of the student body is engaged in competitive intramural sports.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College.

A new municipal golf course in Johnson City, three miles from the College, is available to Milligan students. A small green fee may be paid for each day's play or an annual membership may be obtained.

### *Lecture-Concert Series*

The Lecture-Concert Series of Milligan College is designed to introduce dramatic, forensic, and musical artists of national and international prominence to the Milligan students. Following the performances, an opportunity to meet the artists is afforded the students.

### *Publications*

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of "The Stampede," the College newspaper.

The yearbook of the College, which is known as "The Buffalo," is a project of the Senior Class. "The Buffalo" presents an attractive pictorial history of the year's activities.

### *Speech*

The Speakers Bureau, composed of student membership, is designed to provide the student contemplating a career in the professions or in business with an opportunity to address various civic and professional groups. Speakers are usually speech minors who have demonstrated proficiency in the art of Public Address.

Milligan College encourages participation in inter-collegiate debate. Milligan holds membership in the Tennessee Intercollegiate Forensic Association which provides for a wide variety of tournaments and participants.

### *Professional Organizations*

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce

## *Student Life*

students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to the club meetings to discuss topics related to their work.

The Commerce Club is an organization of students who are contemplating a career in business or industry. The club invites prominent businessmen to its meetings to discuss topics which do not normally arise in the classroom. Several field trips are scheduled annually to the plants and offices of leading industries in the area.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau a National Honor Society.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

Sigma Delta Psi is an honorary fraternity. Its main interests are to promote campus social life, intramurals, and athletic activities in all sports. Its forty-two members represent all of Milligan intercollegiate sports. Some members represent an interest only in body conditioning.

The Women's Recreation Association, which promotes an interest in women's intramural sports, is open to all women of the Milligan Student Body.

The Club Panamericano exists to cultivate an interest in the Spanish language and culture. Through the social activities and programs of the club, the student cultivates a facile use of oral Spanish and a better understanding of Spanish peoples.

Der deutsche Verein provides an opportunity for students who are learning German or have studied it previously to enlarge and deepen their understanding of the German-speaking countries, their people, their folkways, and their literature and song. The activities and programs of the Verein encourage the use of German orally.

The purpose of the Greek Fellowship is to stimulate and sustain an interest in all aspects of Greek life and the Greek language. Students are encouraged to make more effective use of the Greek language, acquired during college days.

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.

### *Recreational Organizations*

The "M" Club includes all male students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The following service clubs have organizations on the campus: the Civitan Club, the Civinette Club, the Circle K Club and Alpha Phi Omega.

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.

The International Students' Relation Club is one of the newest clubs on campus. The purpose of this club is to promote a more complete understanding between the American students and the students from other lands. Active membership in the club—and the privilege of holding office—is open only to the foreign students. American students hold honorary membership.

Each year the Ski Club makes a two-day trip to the lodge of Blowing Rock. Some members of the club are experienced skiers and others are completely new at the sport. Membership in the club is open to all Milligan students.

## 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 quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of inter-collegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

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 this building was destroyed by fire. It was rebuilt in 1919. In addition to classrooms located in this structure are the offices of the Dean, the Registrar and the Director of Placement.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The arrangement of the 50,000 volumes and the 480 current periodicals which it houses is on open shelves, with tables and individual study carrels interspersed among these shelves. The new building was first occupied in November 1961, and is open more than eighty hours per week. The building 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.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for men and houses the Book Store, the Business Office, the Emmanuel School of Religion offices and the offices of Director of Guidance and Director of Information Services. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. This men's residence was recently completely renovated and remodeled. It stands on the slope of the hill above the middle campus.



The Cheek Activity Building, erected in 1924, is designed for both sports and instruction. The swimming pool, gymnasium, and basketball floor are designed for participant rather than spectator sports. A limited amount of dormitory space is in this building, the gift of Joel O. Cheek of Nashville, Tennessee.

The Hospitality Center is now located in the building formerly occupied by the president of the College. Visitors may receive information concerning the campus at this Center. The offices of the Dean of Men and Dean of Women are located on the second floor.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources among 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, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about five hundred, and 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 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 three apartments.

The former home of President Hopwood, called Hopwood House, overlooking the campus from the north hill, was purchased in 1958. The College uses it at present for faculty residence.

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

A new 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 Mr. and Mrs. John M. Hart of Hartland, Virginia.

## *The Campus*

The Seeger Memorial Chapel was dedicated November 24, 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, concert, and drama. The main sanctuary-auditorium will seat 1300. The Auditorium in the basement with arm-chair seating 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.

*Science Bldg. ?*

# PROCEDURES

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## *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 Information.

The pattern of the high school program recommended for the applicant should consist of three units of English, two units of a foreign language, two units of math, one unit of science, one unit of social studies and a sufficient number of elective units to total sixteen units. To provide further evidence of academic ability, the applicant is required to take the American College Test and furnish the College with these scores.

The following steps are suggested in the admission procedure: (1) The student secures from the Office of Information an application form, catalog, and other literature. (2) The student returns the completed application along with an application fee of ten dollars, a small photo and a brief autobiographical sketch to the Office of Admissions. (3) The application will be presented to the Admissions Committee for action when these credentials are on file: the high school transcript, the high school rating sheet, and a recommendation from the minister and a business reference. (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 and the receipt of his ACT scores.

## *Advance Placement*

Entering Freshmen may receive advanced credit for college level work on the basis of an advanced placement examination prepared by the College Entrance Examining Board.

## *Transfer Students*

Students who wish to transfer from an accredited college, who

## *Procedures*

merit a letter of honorable dismissal, and who have a grade-point average of 2.0 based on a 4.0 system, are eligible for admission to Milligan College. Such applicants should follow the same procedures as above. In addition to this, they must furnish the College with transcripts of all previous college work.

## *Returning Students*

Students who have previously attended Milligan College, but have been out for one or more semesters, should write to the Office of Admissions requesting to be re-admitted. The request is presented to the Admissions Committee for action.

## *Special Students*

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

## *Unclassified Students*

Unclassified students are undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or year. During that time they are not candidates for a degree.

Unclassified students must have permission of the Dean of the College and (unless over 21 years of age) the endorsement of his parent or guardian for this status. This privilege must be renewed at the beginning of each semester.

Credits received as an unclassified student will be subject to revision should the student decide to become a candidate for a degree.

## *Ceremonial of Matriculation*

After all admission requirements have been met, including the

introductory activities at the beginning of the year, the candidate for admission may participate in the ceremonial of matriculation.

Matriculation Day ordinarily is Saturday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the Registrar in whose presence they sign the register.

As a matriculate or member of the College, the student is now entitled to the full benefits accruing to his station.



## 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. The student's expenses for one semester will be:

Tuition (for 12 to 17 hours) .....	\$377.50
*Board .....	210.00
Room .....	195.00
Student Activity Fee .....	38.50
TOTAL .....	821.00

### *Special Fees*

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

#### *Laboratory Fees (per semester)*

Materials for special courses:	
Education 411, 412, 471, 472 .....	\$ 5.00
Science Laboratory Fee .....	10.00
Secretarial Practice .....	10.00
Typing .....	10.00
Biology 311 .....	12.00
Language Laboratory Fee .....	5.00

#### *Tuition charges in Applied Music:*

Area of Applied Work	Charge for one semester hour	Charge for two semester hours
Organ	\$30.00	\$50.00
Piano	20.00	30.00
Voice	20.00	30.00

Practice Room and Instrument rent:

Organ	\$20.00 per semester
Voice and Piano	10.00 per semester

\*A change in general food prices may affect the above minimum figure.

### *Student Activity Fee*

The student activity fee makes possible admission to all presentations of the College Lecture and Concert series, all home athletic events, school plays, all social activities, and the use of all recreational facilities. It covers the use of the library and the copies of the student publications, "The Stampede" and "The Buffalo." Medical services as provided by the College Clinic are also covered.

### *Summer School Costs*

Each five-week session of Summer School is charged at the following rate:

Tuition per hour of credit .....	\$30.00
Registration Fee .....	5.00
Room .....	60.00
Board .....	67.00

### *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 Deposit*

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities require 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.

Claim for a refund must be made on or before July 1, preceding the opening of the fall semester.

### *Matriculation Fee*

A matriculation fee of ten (\$10.00) dollars is charged every

## *Expenses*

student, when he enrolls for the first time in Milligan College. This fee is paid only once.

### *Miscellaneous Fees (per semester)*

Tuition each academic hour over 17 .....	\$18.50
Tuition each academic hour under 12 .....	15.00
Diploma and graduation fee .....	15.00
Directed teaching fee .....	10.00
Special examination fee .....	5.00
Transcript fee—after first issue .....	1.00
Parking fee .....	4.00
Late registration fee per day .....	5.00
Change of course fee .....	5.00
Fee for materials and methods courses .....	5.00

### *Part-Time Student*

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of thirty (\$30.00) dollars per semester hour.

### *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 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 date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payments.

*Commuting Students:* On 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 day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payments.

*Deferred Payment of Education Costs:* For students and parents desiring to pay educational expenses in monthly installments, two nation-wide, low-cost, deferred-payment programs are available through either Education Funds, Inc. or Tuition Plan, Inc.

Through Tuition Plan, Inc. parents and students may arrange payments for one year (10 payments), two years (20 payments), three years (30 payments), or four years (40 payments). Loans may be made in any amount from \$1.00 to \$15,000 over a four-year period. This is a combination insurance and loan program.

Education Funds, Inc. is a payment plan which includes insurance on the life of the parent, total and permanent disability insurance on the parent, plus trust administration in the event of the parent's death or disability. Agreements may be written to cover all costs payable to the school over a four-year period in amounts up to \$14,000.

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 had on these plans by writing the Tuition Plan, Inc., 400 N. Michigan Ave., Chicago, Ill. 60611, or Education Funds, Inc., 10 Dorrance St., Providence, Rhode Island 02901 or the Business Manager of Milligan College.

*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 School:* 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.

## *Expenses*

### *Textbooks*

New and used textbooks may be purchased at the Milligan Bookstore located in Hardin Hall. *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 \$75.00 for the year.*

### *Board*

The cost of Board is \$210.00 per semester—3 meals a day, 7 days a week, exclusive of official vacation periods. (The dining room is closed during vacation periods.) This is a flat rate for the semester—the student saves the clerical and other expenses involved when meals are charged by the semester rather than for each individual meal. The rate does not provide for any refunds for meals missed.

Students who withdraw officially from the College will be charged the rate of \$15.50 per week for the period of their stay in the College.

### *Linen Service*

By special arrangement with a local linen supply company the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory and the price for this service is \$32.20 for the academic year. This service represents the ultimate in convenience.

Complete details and a reservation form will be mailed to all students prior to the opening of school.

### *Refunds*

Upon proper notice, a student who withdraws 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 prorata



share of board. An exception will be made for illness, in which 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 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 account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving college.

### *Scholarships*

Milligan College grants an honor scholarship worth \$125.00 to the honor graduate of every standard Grade A high school, who is enrolling in college for the first time. A scholarship of \$100.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$75.00 is granted to the students ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$125.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$75.00 will be offered to the second ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarships may be withheld for due cause.

Milligan College has an increasing number of scholarships available for both beginning and advanced students. These scholarships are listed and described below:

*The B. Carroll Reece Scholarship Fund*—Requirements: A needy student from the First District of Tennessee. (\$200.00)

*Ralph S. Depew Memorial Loan Fund*—Available to ministerial students at a very low interest rate, this fund is especially designed

## *Expenses*

for those students who are having problems financially. The loan is to be repaid after the student ceases to become a full-time student or after graduation, whichever occurs first.

*The Philip Scharfstein Scholarship Fund*—Available to a junior or senior student majoring in Business Administration who has maintained a cumulative grade-point average of 3.0 or higher. (\$250.00)

*The Pharmaceutical Education Loan Fund*—For a pre-med student interested in majoring in Pharmacy. (\$250.00)

*The Fred A. and Daisy A. Hayden Loan Fund*—Members of the Hayden family shall have preference but not exclusive consideration. Second consideration will be given to those who are preparing for the ministry or other Christian service. (\$250.00)

Persons interested in applying for the scholarships should make application to the Chairman of the Scholarship Committee or the Dean of the College.

## *Financial Aid*

A student, who wants to be considered for financial aid, must have his parents complete a College Scholarship Service financial statement, which can be obtained from the Business Manager of the College. Awards are made on a year-to-year basis and application must be made each year.

- 1) National Defense Student Loans
- 2) College Work-Study Program
- 3) Educational Opportunity Grants
- 4) Milligan College campus employment
- 5) United Student Aid Fund Loans

**NATIONAL DEFENSE STUDENT LOANS:** Loans of up to \$600.00 per year are made from our National Defense Loan Fund. The repayment period and the interest do not begin until nine months after the student ends his studies. The loans bear interest at the rate of three percent per year and repayment of principal may be extended over a 10-year period.

If a borrower becomes a full-time teacher in a public elementary or secondary school or in a public institution of higher education, as much as half of the loan may be forgiven at the rate of ten per-

cent for each year of teaching service. Repayment may be deferred up to a total of three years while a borrower is serving in the Armed Forces, with the Peace Corps, or as a Volunteer in Service to America (VISTA).

**COLLEGE WORK-STUDY PROGRAM:** Students, particularly those from low-income families who need a job to help pay for college expenses, are potentially eligible for employment by Milligan College under the federally-supported Work-Study Program.

Students may work up to fifteen hours weekly while attending classes full time. On-campus jobs include work in dining halls, laboratories, libraries, maintenance, and offices. To work under this program, a student must be enrolled and be in good standing or be accepted for enrollment as a full-time student at Milligan College. The student's eligibility depends upon his need for employment to defray college expenses. Preference is given to applicants from low-income families.

**EDUCATIONAL OPPORTUNITY GRANTS:** Milligan College makes Educational Opportunity Grants available to a limited number of students with exceptional financial need who require these grants to attend college. To be eligible, the student must also show academic or creative promise.

Eligible students who are accepted for enrollment on a full-time basis, or who are currently enrolled in good standing, may receive an Education Opportunity Grant for each year of their higher education, although the maximum duration of a grant is four years.

Grants will range from \$200.00 to \$800.00 a year, and can be no more than one-half of the total assistance given the student.

**MILLIGAN COLLEGE CAMPUS WORKSHIP:** To supplement college expense Milligan College offers college workshops of \$260.00 per year for work of fourteen hours per week and \$130.00 per year for work of seven hours per week.

**UNITED STUDENT AID FUND LOANS:** The education of students from middle- or upper-income groups frequently places a financial burden on their families, particularly if there are a number of children who want to go to college. In many cases, the student cannot qualify for student employment or a student loan.

## *Expenses*

Even when commercial credit sources are available, repayment is difficult because it generally runs concurrently with the years the student attends college.

To help these students, a Guaranteed Loan Program is in operation at Milligan College. Under this program a student may borrow as much as \$1000 per year from his local bank.

A student from a family with an adjusted income of less than \$15,000 a year pays no interest while he is in an eligible college. Repayment of principal and interest begins when the student has ceased his course of study. At that time the Federal Government pays approximately one-half the interest and the student pays the remainder. A student from a family with an adjusted income higher than \$15,000 a year pays the entire interest on the loan but he may borrow under the Guaranteed Loan Program at six percent simple interest.

The major objective of this program is to make loan funds available to any college student who wants to borrow.

## *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 New G. I. Bill*

Milligan College is eligible to receive veterans under the provisions 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.

Veterans, to qualify, 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.

Payment 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 36 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 eight years after their last discharge or within eight years after June 1, 1966, if discharged prior to that time.

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

The law grants the veteran a monthly allowance to help him meet in part the cost of his subsistence, tuition, fees, books, supplies and equipment, and other educational costs. Monthly allowances are as follows:

Type of Program	No Dependents	One Dependent	Two or More Dependents
Institutional			
Full Time	\$100.00	\$125.00	\$150.00
$\frac{3}{4}$ Time	75.00	95.00	115.00
Half Time	50.00	65.00	75.00
Cooperative	80.00	100.00	120.00

Dependents include a wife, child, and dependent parent.

### *War Orphans*

Milligan College is also 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 diseases 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



## *Academic Information*

Administration office or writing the Business Office of Milligan College.

### *Foreign Students*

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students.

## ACADEMIC INFORMATION

### *Requirements for a Degree*

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science degree. The major difference in the two degrees is that foreign language is required for the Arts degree.

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

The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Mathematics, Science and Secretarial Science.

The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

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; Foreign Language through the intermediate level; Psychology 151 and three additional hours; four hours of activities in Health and Physical Education; Biology, Chemistry, or Physics eight hours; Sociology, Economics, or Government, six hours. The candidate for the degree must also present a major, minor, and electives to total 128 semester hours of credit.

### *Medical and Law Students*

The Bachelor of Arts 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 of the credits earned in the medical or law school to the Registrar.

### *Engineering Students*

Special arrangements have been made with Tri-State College whereby a student completing a three-year program in Milligan and two years in Tri-State may receive his Bachelor of Arts degree from Milligan and his engineering degree from Tri-State. The student must complete the same program in Milligan College as is required of medical or law students.

### *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 Advisor. Selection of a field of concentration may be made from the following: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Mathematics, Music, Philosophy, Psychology, Secretarial Science, and Speech.

In addition to this field of major concentration, the student will select one field of minor concentration.

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

## *Academic Information*

of 256 quality points. The following table of values is observed in all courses.

A—Excellent—four grade points for each semester hour.

B—Good—three grade points for each semester hour.

C—Average—two grade points for each semester hour.

D—Poor—one grade point for each semester hour.

F—Unsatisfactory—no grade points.

W—Withdrawn.

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

### *Honors*

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree, provided that with respect to transfer students the level of honors is not greater than warranted by the point-hour ratio earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a point-hour ratio of 4.00; Magna Cum Laude, based on a point-hour ratio of at least 3.75; and Cum Laude, based on a point-hour ratio of at least 3.33.

### *Probation*

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. 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.

### *Reports*

The Registrar will issue a report to the parent or guardian of the faculty evaluation of each student's work at the close of each semester and following each mid-semester examination period.

### *Classification*

Progression toward the baccalaureate degree is measured by four ranks or classes, 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.

The terms of admission to freshman rank are detailed in the matriculation section of this catalog.

A person desiring to be admitted as a transfer student should present credentials equal to those demanded of an entering freshman and a cumulative grade-point average of 2.0 in all college courses attempted.

### *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 permission secured from the Dean of the College. 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.

Failure to comply with the regulations concerning withdrawal from the College will result in the assignment of "F" for each course in which he is enrolled and will forfeit any returnable fees he may have paid to the College.

## AREAS OF INSTRUCTION

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Milligan College proceeds upon the assumption that all knowledge is one. The all-too-popular 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 of the fruits of the separation of culture, technology, and faith. However, there is value in recognizing the few basic areas of learning given to man—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 convenient 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 Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

### AREA OF BIBLICAL LEARNING

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; it is 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.

## *Bible*

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, and 471) the major in the Bible shall consist of Bible 201-202, 251-252 or 301-302, 341-342, 431-432, and 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives. The Bible minor shall consist of eighteen hours to be arranged in consultation with the Area Chairman, but shall not include Bible 471.

### *OLD TESTAMENT*

123—OLD TESTAMENT SURVEY—An examination of the Old Testament, its background and environment. Special attention is given to Israel's relationships with surrounding nations such as Egypt, Assyria, Babylon, and Persia. Both the writing prophets and their books are studied in historical context. A brief survey is also made of the chief ideas in the Wisdom Literature. Required of all students. Three semester hours.

251-252—HISTORY AND INSTITUTIONS OF ISRAEL—A study of Biblical Israel's origin and development, beginning with the call of Abram. Consideration is given to the sojourning of the Hebrew patriarchs in Canaan and that of the Israelites in Egypt, the exodus and wilderness wanderings, the conquest of Canaan, the establishment of the monarchy, and the divided kingdoms. The nature and significance of the religious and national institutions receive special attention. Three semester hours each semester.

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.

## *Bible*

### NEW TESTAMENT

124—NEW TESTAMENT SURVEY—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds beginning about the year 350 B.C. Such documents as the Old Testament Apocrypha and Pseudepigrapha, Philo, Josephus, Corpus Hermeticum, Apuleius, the Dead Sea Scrolls, and others are touched on. The New Testament itself, however, is the chief object of consideration and is studied with a view toward determining date, authorship, purpose, and especially the content of the various books. Required of all students. Three semester hours.

201—THE LIFE OF CHRIST—A study of the four Gospels with the intent of showing Christ in person, teaching, and ministry. 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.

313-314—PASTORAL EPISTLES—HEBREWS AND GENERAL EPISTLES—An exegetical examination of the Pastoral Epistles and Hebrews during the first semester and the General Epistles during the second. Alternate years. Three semester hours each semester.

411-412—MAJOR PAULINE EPISTLES—An exegetical examination of Romans through Thessalonians. Alternate years. Three semester hours each semester.

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**

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. Special emphasis upon missionary promotion and education through the local church. 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.

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. Includes consideration of major doctrines, figures, and developments. Three semester hours.

351-352—PHILOSOPHY OF RELIGION (See Philosophy 351-352).

**RELIGIOUS EDUCATION**

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, spend an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education will find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian

## *Bible*

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, 306, 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.

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 will be treated by the staff. Three semester hours.

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.

306—CHRISTIAN EDUCATION OF ADULTS—A study of current programs and methods of Christian training for adults, emphasis being given to family life, methods of Bible study, and Christian education. Two semester hours.

## AREA OF HUMANE LEARNING

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. 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—these are the aims of humane learning. 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, philosophy, and psychology. At present a major or minor can be taken in the fields of English, philosophy, psychology, speech and music. A minor can be taken in French, Greek, Spanish, German, and art.

### *Humanities*

101-102—HUMANITIES—A general introduction to history, literature, philosophy, art, music, and comparative religion. The emphasis is on an integrated approach to learning. The first year begins with the Greeks and ends with the eighteenth century. Particular emphasis is given to books regarded as “classics” in the Western tradition. Six hours each semester.

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 and the anxiety and despair manifested in the twentieth century. Six hours each semester.

Humanities 101-102 is a required course of study for all freshmen working toward a 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.



## *Art*

### *Art*

101-102—BASIC DESIGN—The study of fundamental elements in principles of design as applied in line, value and color through various media. Three semester hours each semester. Offered alternate years.

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Three semester hours each semester. Offered alternate years.

211—ELEMENTARY CRAFTS—Projects designed for creative development of elementary school age children. Two semester hours. Offered every third year.

212—LETTERING—An introduction to basic procedures of hand lettering. Two semester hours. Offered every third year.

The courses listed above are double period studio courses. Students furnish their own supplies. Fine arts requirements of other areas are satisfied only by the following courses:

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint students certifying for elementary education with objectives, materials and procedures for the elementary school arts program. Three semester hours.

330—AMERICAN ART—A survey of American art from Colonial times to the present. Three semester hours.

420—ART HISTORY: PREHISTORIC TO RENAISSANCE—A survey of sculpture, architecture, painting and the minor arts. Three semester hours. Offered alternate years. Required for the art minor.

421—ART HISTORY: 17TH CENTURY THROUGH MID 19TH CENTURY—Required for the art minor. Three semester hours. Offered alternate years.

422—ART HISTORY: MID 19TH CENTURY TO PRESENT TIME—Required for the art minor. Three semester hours. Offered alternate years.

*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 304-305, 311, 432, 433, 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining six hours are elective, three of which must be on the senior level. The other three hours may be on either the junior or senior level. 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 will include six hours of humanities and must include English 304-305, 311, 461. It is recommended that six hours of electives in English be included in the English minor program.

201-202—JOURNALISM—A study of journalistic techniques including understanding mass media, news evaluation, news story style, news gathering, kinds of stories and copy preparation. Two semester hours each semester. Not for major credit.

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 in the American novel. Three semester hours each semester.

307—MODERN DRAMA—Authors, dramas, and tendencies of the drama since 1890. A comparison or contrast with the drama of other periods. Alternate years. Three semester hours.

308—MODERN POETRY—A study of the leading poets of America and England since 1890 with some attention to Walt Whitman. Alternate years. Three semester hours.

311—ADVANCED GRAMMAR—Advanced study in the principles of English grammar, with attention to sentence structure, vocabulary, spelling, and verb forms. 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. Part of English major for elementary education students. Three semester hours.

## *English*

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. 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.

421—CREATIVE WRITING—Experimental writing in poetry, drama, short story, and essay. The emphasis is upon careful analysis of selected models and both imitative and original writing. Two semester hours.

430—MEDIEVAL LITERATURE—A study of poetry, prose and language from the Norman Conquest to the 15th century with emphasis on Chaucer and his contemporaries—Langland, Gower, Petrarch, and Boccaccio. Three semester hours.

432—RESTORATION AND 18TH 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 drawn from the writings of scientists, philosophers, historians and other contributors to the cultural and intellectual milieu of the period.

433—19TH CENTURY LITERATURE—A study of the social, political, religious, and literary ideals of the Romantic and Victorian periods as seen in the works of the major poets, essayists, and novelists.

461—RENAISSANCE DRAMA—A study of a selected number of Shakespeare's plays with collateral reading of minor dramatists of the period such as Johnson and Marlowe.

462—RENAISSANCE POETRY AND PROSE—A study of the poetry of Renaissance as presented in the works of Shakespeare, Spenser, Siney, Donne and several continental poets.

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. Offered both semesters. One to three semester hours.

## *Speech and Theatre*

The Speech curriculum is designed as an interdisciplinary offering for students planning to enter Graduate School in Speech Communication or Theatre Arts as well as for those who choose a career in business professions, public relations, education, professional, political or other public service. It also contributes to an overall understanding of mass communication, both historical and contemporary.

The major in Speech and Theatre consists of thirty hours (6 hours in Humanities plus 24 hours in Speech and Theatre). Required courses include Speech 121, 211, 241, or 308, 301, and 401. The remaining hours are elective, six of which must be at the junior or senior level. Six hours of junior or senior level English courses may be applied to Speech and Theatre major.

Students minoring in Speech will complete eighteen semester hours. The minor consists of Speech 121, 211, 241 or 308, and 401, and six hours of electives.

### *SPEECH COMMUNICATION*

121—FUNDAMENTALS OF SPEECH—An analysis of speech problems through the study of model speeches. Organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.

211—PUBLIC SPEAKING—A study of the theory and practice of public speaking, giving training in gathering, evaluating, organizing evidence. Exploration of the components of effective delivery, and use of the voice, body, and language. Practice in speaking before the class, and critical analysis of contemporary public speakers. Three semester hours.

275—HOMOLECTICS—(See Christian Ministries 275)

301—BUSINESS AND PROFESSIONAL SPEECH—A study of the various formats of public speech for business and professional majors. Experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.

## *Speech*

346—PERSUASION IN SPEECH—Logical and psychological factors in persuasion and persuasive technique. Audience analysis and adaptation, analysis of contemporary and historical persuasion including political and religious leaders. Practice in persuasive speaking. Three semester hours.

360—PSYCHOLOGY OF COMMUNICATION—A study of the psychophysical characteristics of the transference of information, including a phonetic approach to words, sets and thoughts. Analysis of the psychological factors in persuasive communication, both verbal and non-verbal. Three semester hours.

401—DISCUSSION, ARGUMENTATION, AND DEBATE—Emphasis upon the development of logical analysis; evaluation of evidence and argument; psychology of argument and legislative and legal procedures. Analysis of selected debates, practice in inter-collegiate debate. Three semester hours.

490—SEMINAR IN RHETORIC AND PUBLIC ADDRESS—A seminar for senior students designed to develop the ability to do independent research and writing. Students will have an opportunity to employ rhetorical critical analysis.

## *THEATRE ARTS*

241—DRAMATIC PRODUCTION AND DIRECTION—Study of the various elements in the production of a play; acting, stage-craft, costume design, lighting, and make-up. Rehearsal and experience of staging a play. Recommended for students supervising plays in the public school. Three semester hours.

308—HISTORY OF THE THEATRE—From the origin of the theatre to the Renaissance. Special emphasis upon the primitive Greek and Roman, Medieval and Elizabethan Theatre. Reading and a study of the various classics in the periods. Three semester hours.

311—ORAL INTERPRETATION—An intensive study of critical techniques necessary to the understanding of the objectives of oral interpretation. Listening and practice in reading of the prose narrative, prose drama, poetic drama, interpretation of the written page. Three semester hours.



*Foreign Languages*

The study and mastery of language is the chief avenue 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 contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is prerequisite to any subsequent semester in the sequence of that language. Admission of freshmen and transfer students with previous study in a language to advanced standing in that language in Milligan College will be determined by the score achieved on a placement test. However, no credit for the 111-112 course in a language will be given students possessing two high school units in that language.

**CHINESE**

111-112—ELEMENTARY CHINESE—Emphasis on spoken Mandarin, with oral drill. Reading and writing of modern Chinese, including the learning of several hundred characters. Three semester hours each semester.

**FRENCH**

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. 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. Three semester hours each semester.

301-302—ADVANCED FRENCH—Advanced composition and conversation. Courses conducted in French, and designed especially for prospective teachers. Prerequisite: French 211-212. Three semester hours each semester.

## *Foreign Language*

311-312—SURVEY OF FRENCH LITERATURE—A study of the literature of France from the beginning to the present day. Lectures in English and collateral reading from the most prominent authors. Prerequisite: French 211-212. Three semester hours each semester.

### *GERMAN*

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. Three semester hours each semester.

211-212—INTERMEDIATE GERMAN—Continued conversational drill, oral practice in the variation of structural patterns, and written composition, with a thorough review of pronunciation and grammar, followed by a survey of German literature from the Minnesaenger to the Twentieth Century. Three class periods and not less than one laboratory period. Three semester hours each semester.

301-302—ADVANCED GERMAN—Extensive practice in conversation and composition or a study of readings in a selected field, according to the interests of the students. Prerequisite: German 211-212. Three semester hours each semester.

### *GREEK, HEBREW*

111-112—ELEMENTARY GREEK—A study of the elements of koine Greek including drill on simple phrases and sentences; acquisition of a vocabulary in preparation for the reading of the Greek New Testament. Three semester hours each semester.

211-212—INTERMEDIATE GREEK—A review of the forms of koine Greek. A study of the history of syntax and reading of selected portions of the Greek New Testament. Three semester hours each semester.

301-302—ADVANCED GREEK—Advanced study of the koine Greek grammar. Translation of Hebrews and other selected portions of the Greek New Testament; oral and written exegetical assignments. Three semester hours each semester.

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

#### *LATIN*

111-112—ELEMENTARY LATIN—Basic Latin grammar and vocabulary. Graded Latin readings to prepare students for reading the Latin classics. Three semester hours each semester.

211-212—INTERMEDIATE LATIN—Advanced grammar study incidental to extended reading in the classics: Caesar, Cicero, Ovid, Vergil, Sallust. Three semester hours each semester.

311-312—ADVANCED LATIN—Advanced grammar; survey Latin literatures; teaching materials. 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. 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. Three semester hours each semester.

301-302—ADVANCED SPANISH—Advanced composition and conversation, and the reading of representative selections from Spanish literature. Three semester hours each semester.

311—SURVEY OF SPANISH LITERATURE—Reading of selections from the outstanding authors of Spain, with some conversation and composition. Three semester hours.

312—SURVEY OF SPANISH-AMERICAN LITERATURE—Reading of selections from the outstanding authors of several Spanish-American countries, with some conversation and composition. Three semester hours.

## *Music*

### *Music*

The Music faculty purposes to promote understanding and enjoyment of music in the college at large and to provide specialized training for those who plan careers in music. 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 musical proficiency.

The music major includes Music 143-144, 243-244, 381-382, 363 and twenty hours in applied music distributed as follows: Eight hours in concentration, four in proficiency and eight in ensemble.

The music minor includes 143-144, 381-382, and fourteen hours in applied music distributed as follows: Four hours in concentration, two hours in proficiency and eight in ensemble.

The music student intending to certify for teaching must add to the music major: Music 451, 452. Each student wishing to become a music major or minor must audition before the music faculty before admission to the program. In the sophomore year, each music major must pass a divisional in order to be permitted to continue toward graduation in this field. Each music major must have a minor outside the field unless he chooses to have an education minor.

A senior recital is required of each music major. Public performance of this program will be determined by the music faculty. Juries will be held for all music majors and minors each year. Each music major will select a primary performance and a secondary emphasis in the areas of piano or voice.

### *THEORY OF MUSIC*

108-109—FUNDAMENTALS OF MUSIC—Precollege theory for students whose previous music study did not include rudimentary theory. Students will be assigned to this course or Music 143 on the basis of an examination administered during Orientation Week. No credit given toward a major or minor in music. Three semester hours each semester.

143-144—THEORY OF MUSIC—The elements of music notation: Intervals, triads, chords scale structures, chord classifications and cadence formulae. Development of the ability to sing at sight and write from dictation. Beginning analysis of the J. S. Bach chorale style, and construction of phrases in that style. Similar experience

at the keyboard. Three lectures and two laboratory hours each week. Four semester hours each semester.

243-244—THEORY OF MUSIC—Continued work in the analysis of the J. S. Bach style, with second-semester work in the analysis of Mozart, Beethoven, and Schubert styles. Development of facility in analysis and writing of diatonic and chromatic harmonies. Three lectures and two laboratory hours each week. Four semester hours each semester.

343—COUNTERPOINT—Basic principles of writing two, three, and four-voice polyphony based on sacred sixteenth century vocal compositions as exemplified in the music of Palestrina, Ingegneri, and Lassus. Prerequisite: Music 243-244. Three semester hours.

344—ORCHESTRATION—A study of instruments and principles governing the combination and distribution of musical sounds in orchestral ensemble. Prerequisite: Music 144. Three semester hours.

#### *MUSIC LITERATURE AND HISTORY*

281—MUSIC APPRECIATION—Open to all college students except music majors. Information and techniques for the intelligent appreciation of music; its elements, basic forms and major style periods from the Renaissance Period to the present. Three semester hours.

372—HYMNOLOGY—A survey of the hymn literature of the Christian Church, with consideration of literary, sociological, political and religious forces affecting the creation of hymns and hymn tunes. Three semester hours.

381-382—MUSIC LITERATURE AND HISTORY—A survey of the development of music from antiquity to the present, citing major composers and forms of each style period. Three semester hours each semester.

#### *MUSIC EDUCATION*

351—MUSIC IN THE ELEMENTARY SCHOOL—Not open to music majors. Designed for elementary school teachers. A study of the music development of the child through the six grades with materials and methods for teaching. Three semester hours.

451—METHODS AND MATERIALS FOR ELEMENTARY SCHOOL MUSIC TEACHERS—Open only to music majors and



## *Music*

minors. Studies in the area of music materials and methods for teaching music in the elementary school. (Substitutes for Education 411 for music majors.) Three semester hours.

452—METHODS AND MATERIALS FOR SECONDARY SCHOOL MUSIC TEACHERS—A study of the music curriculum, its methods and materials in the secondary school. (Substitutes for Education 472 for music majors.) Three semester hours.

### CONDUCTING

363—BEGINNING CONDUCTING—Conducting patterns applied to elements of interpretation, practice in sight singing and rhythmic complexities. Two semester hours.

364—ADVANCED CONDUCTING—Choral conducting applied to tone, balance, diction, phrasing, and interpretation. Two semester hours.

### APPLIED MUSIC

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ.) He must complete eight semester hours in this area. He must also select a secondary concentration in which he must complete four semester hours, and pass a sophomore barrier. 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 barrier.

Each music major or minor will be expected to perform in his applied area before the music faculty each year. The senior student will perform a recital program, performance of which will be determined by the faculty.

#### *Piano*

110-410—INDIVIDUAL INSTRUCTION—One semester hour for each half-hour lesson.

150—INDIVIDUAL INSTRUCTION—This is for non-music majors who wish piano lessons as an elective. One semester hour for each half-hour lesson.

#### *Voice*

114-414—INDIVIDUAL INSTRUCTION—One semester hour for each half-hour lesson.

104—VOICE CLASS—The rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone will be studied. Required of all prospective voice students with no prior training. Credit does not apply on a major or minor in music. The student must be able to read notes. One semester hour.

*Organ*

160—INDIVIDUAL INSTRUCTION—This is for students who wish organ lessons as an elective. One semester hour for each half-hour lesson.

ENSEMBLES

The ensembles of the Music Area are usually taken for one hour of credit each semester and are considered to be the music laboratory for all music majors and minors. Participation in these laboratory sessions are required each semester in college for music majors and music minors. Placement and number of ensembles allowed, will be determined by the student's ability as judged by the auditioning committee. Auditions are held prior to registration for fall semester.

131-132—Freshman Level

231-232—Sophomore Level

331-332—Junior Level

431-432—Senior Level

MILLIGAN CHORALE—Mixed chorus: Programs chosen from the best in choral literature. Winter and Spring Concerts. Five rehearsals each week. Outside engagements. One semester hour.

CHAMBER SINGERS—A small mixed chorus of selected singers to study and perform varied repertoire. Limited outside engagements. Perform at annual Madrigal Dinner. One semester hour.

WOMEN'S ENSEMBLE—A small group of selected voices. Varied repertoire. Limited outside engagements. This is a non-credit ensemble.

MILLIGAN CONCERT CHOIR—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship required. Annual spring tour. One semester hour.

## *Philosophy*

### *Philosophy*

The study of philosophy is to increase the student's ability to think intelligently about basic views concerning man and the universe which underlie our 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 majoring in philosophy will complete twenty-four semester hours including: Philosophy 151, 201, 301-302, 401.

Students minoring in philosophy will complete eighteen semester hours. The required courses for a minor are Philosophy 301, 302, and 401.

101-102—INTRODUCTION TO PHILOSOPHY—An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached historically and topically through the study of the lives and views of representative thinkers. Three semester hours each semester.

151—INTRODUCTION TO LOGIC—The study of traditional and symbolic logic. Practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.

201—ETHICS—A study of theoretical and practical problems of moral conduct and proposed solutions to them. A study of the nature of ethics, value, rights, and obligations. Three semester hours.

301—HISTORY OF PHILOSOPHY (ANCIENT)—The beginnings of Greek philosophy, the systems of Plato and Aristotle, and Hellenistic philosophy prior to the Christian Era. 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.

351—PHILOSOPHY OF RELIGION—A study of the nature and meaning of religion within various world views. A comparative

study of the more important religious movements of the world and a critical evaluation of the ideas involved in religious belief and practice. Prerequisite: Either Philosophy 101 and 102 or Philosophy 301 and 302. Three semester hours each semester.

375—PHILOSOPHY IN LITERATURE—A study of the philosophical questions in selected classics of world literature. Three semester hours.

390—MATHEMATICAL LOGIC—The sentential calculus, axiomatic discussion of Boolean algebras, formalization of deductive theories. Three semester hours.

401-402—SEMINAR STUDIES IN PHILOSOPHY—A seminar for honor students 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 and its related fields, designed to broaden perspectives and to deepen insights. Open to students having minimum academic average of B. One to three semester hours.

## *Psychology*

Psychology is science in its endeavor to understand, predict and control the behavior of man. It is in this vital area of the curriculum that Christian faith and values, the fine arts, politics, the business of being parents, teachers, ministers, industrialists, and all the rest, become decisively engaged with contemporary scientific techniques and attitudes. What happens here counts! . . . in every life.

The young science of psychology is playing an increasingly important role in the making of the modern world. Careers in psychology are among the most attractive available to those who desire to significantly serve their fellow man. An introductory acquaintance with psychological discoveries and theories is of great practical value in many other professions.

The major in psychology is primarily designed to prepare the student for graduate study. Majors and minors are required to apply in writing for admission to their programs of study prior to the second semester of the junior year, and must have the written approval of the psychology faculty.

## *Psychology*

The major consists of 30 semester hours of approved work and the minor consists of 18 semester hours. The following courses are required for both majors and minors: 151-152—General Psychology; 259—Statistics in Psychology and Education; 248—Experimental Psychology; 358—Abnormal Psychology.

In addition to the above, the student may elect 9 hours outside the area of psychology. The courses approved for this are:

Philosophy 151—INTRODUCTION TO LOGIC

Sociology 201—INTRODUCTION TO SOCIOLOGY

Mathematics 315—PROBABILITY AND STATISTICS

Biology 402—ELEMENTARY GENETICS

151-152—GENERAL PSYCHOLOGY—An introductory course prerequisite to all courses in psychology; a survey of the field of psychology. Three semester hours each semester.

250—SOCIAL PSYCHOLOGY—A study of group behavior both in our own and in other cultures. Three semester hours.

252—DEVELOPMENTAL PSYCHOLOGY—Origins of psychological processes and general genetic principles; development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three one-hour discussions and one two-hour laboratory period. Four semester hours.

253—PSYCHOLOGY OF PERSONAL ADJUSTMENT—A study of problems related to personal adjustments and human relations in contemporary society: designed to increase the student's sensitivity to interpersonal interaction, motives, perceptions and purposes of others and of self. Three semester hours.

352—INDUSTRIAL AND BUSINESS PSYCHOLOGY—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Offered annually. Three semester hours.

355—LITERATURE AND PSYCHOLOGY—Seminar course of readings and discussions designed to promote an understanding of the relationships of literature and psychology. Offered annually. Three semester hours.

358—PSYCHOLOGY OF ABNORMAL BEHAVIOR—A careful consideration of the data and principles which have proved helpful



in interpreting deviations from normal behavior. Prerequisite: General Psychology 151-152. Three semester hours.

359—STATISTICS IN PSYCHOLOGY AND EDUCATION—Elementary coverage of descriptive and sampling statistics, including problems of measurement, analysis of frequency distribution, linear and rank-orders correlation, prediction, and simple tests of significance. Offered annually. Three semester hours.

360—PSYCHOLOGY OF COMMUNICATION—A study of the psychophysical characteristics of the transference of information, including a phonetic approach to words, sets and thoughts. Analysis of the psychological factors in persuasive communication, both verbal and non-verbal. Three semester hours.

404—EDUCATIONAL PSYCHOLOGY—Introduction to the field of educational psychology. 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.

448—EXPERIMENTAL PSYCHOLOGY—Basic study of learning, concept formation, problem solving and psychological needs, drives, and motives. Emphasis upon content and related laboratory investigation. Two one-hour discussions and one two-hour laboratory period. Offered annually. Three semester hours.

452—PASTORAL COUNSELING—An introductory course, primarily for pre-ministerial students considering the theory and processes of sound counseling and clinical psychology. Offered annually. Prerequisite: Psychology 358. Three semester hours.

454—INTRODUCTION TO PSYCHOLOGICAL TESTING—Theory and methods of measuring human behavior; survey of representative tests of ability and tests of typical performance. Offered annually. Three semester hours.

456—READING SEMINAR IN PSYCHOLOGY—A discussion seminar for those completing their majors. Presentations by staff of

## *Psychology*

relevant problems in all areas of psychology and problems involving communication with other disciplines. Three semester hours.

457—SEMINAR IN EXISTENTIALISM—A study of the Nineteenth and Twentieth Century philosophical-psychological movement, with special attention to Phenomenology, Gestalt Psychology, and *Daseinsanalysis*. Three semester hours.

490—SPECIAL PROBLEMS IN PSYCHOLOGY—Supervised independent minor research or reading on selected problems in the field of psychology. Prerequisite: consent of instructor. May be repeated to a total of 6 semester hours of credit. By arrangement. Staff. One, two, or three semester hours.

## AREA OF PROFESSIONAL LEARNING

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, 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.

### *Business and Economics*

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: 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.

A student seeking the Bachelor of Science degree with a major in business administration and economics must complete thirty semester hours of business courses including: Business Administration 211-212; Economics 201-202, 451; Government 304; twelve hours of business or economics electives at the junior and senior level. A cumulative point-hour ratio of 2.25 must be maintained in the major.

A student minoring in business administration and economics must complete eighteen semester hours including: Business Ad-

ministration 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 by substituting six semester hours of a foreign language for six hours of the elective.

#### *BUSINESS ADMINISTRATION*

211-212—INTRODUCTORY ACCOUNTING—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: Business Administration 211-212. Three semester hours each semester.

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. 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.

361—PRINCIPLES OF MANAGEMENT—A study of the basic principles of management. Also considered are decision-making and the fundamental functions 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.

401-402—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. Alternate years. Three semester hours each semester.

411-412—INCOME TAX ACCOUNTING—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. Includes study of the concepts of income, capital gains and losses, and deductible expenses. Also covers accounting methods, including withholding procedures, inventories, the state taxes and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.

### **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.

301—CORPORATION 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. Alternate years. 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. Alternate years. Three semester hours.

402—PUBLIC FINANCE—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration of the tax system now in use is made. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

403—MONEY AND BANKING—A study of monetary systems and theory along with a survey of the commercial banking systems of



the United States. Banking principles are analyzed and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

404—BUSINESS CYCLES—A study of rhythmic increases and decreases in production with emphasis on the basic characteristics and casual factors. Part of the survey is given to a consideration of the most popular cycle theories and the role they play in current cycle forecasting. Some attention is also given to government fiscal and monetary policies as effective tools in reducing the severity of the cycle. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

451—COMPARATIVE ECONOMIC SYSTEMS—A comparative and analytical study of capitalism, socialism, communism, and fascism as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

#### **SECRETARIAL SCIENCE**

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science; or, by taking six semester hours of a foreign language rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the twenty-eight hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian Liberal arts college. This curriculum includes: Secretarial Science 131-132, 133-134; 241-242, 243-244, 351-352, 471-472; English 111-112; Speech 121; Bible 123-124; Economics 201-202; Psychology 151-152; two hours of Physical Education activity courses; and eleven hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Eco-

nomics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; and Mathematics 105-106.

131-132—BEGINNING TYPING—Mastery of keyboard and other working parts of typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.

133-134—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.

241-242—ADVANCED TYPING—A comprehensive review of letter writing and tabulation is given. 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.

351-352—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. Two semester hours each semester.

471—OFFICE PRACTICE—A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary: the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, the general office procedures. Three semester hours.

472—SECRETARIAL PRACTICE—An advanced course in office procedures and the use of business machines for which Secretarial Science 241-242 and 243-244 are prerequisites. 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 well-being of the individual. Courses are provided to give training in recreation and in major and minor sports. In addition, the program provides for the preparation of teachers in health and physical education as well as coaches and recreational workers.

All men majoring in health and physical education should participate in different varsity sports over a period of four years. Women should be active in several intramural sports.

A major in health and physical education consists of thirty-four semester hours including the following: Physical Education 103, 203, 204 or 205, 207, 208, 300 or 302, 301, 304, 403, 404 or 405, and 406; Health 111, 311, 411; Biology 250 and three hours of electives from: Health 211, Sociology 303 or Psychology 253.

A minor in Health and Physical Education consists of twenty-four hours including the following: Physical Education 103, 203, 204 or 205, 208, 300, 301, 403 and 404 or 405; Health 111, 311 and 411.

100A-100B (C)—ADAPTIVE PHYSICAL EDUCATION—Designed for students physically unable to take regularly scheduled activity courses. One period per week. One semester hour.

101 (M) (W)—FITNESS EDUCATION—Freshmen orientation in physical education with emphasis on theory, training and conditioning. Two periods per week. One semester hour.

102 (C)—SWIMMING AND TEAM SPORTS—Prescribed participation in coeducational activities. Two periods per week. One semester hour.

200A-200B (C) ADAPTIVE PHYSICAL EDUCATION—Continuation of 100A and 100B. One period per week. One semester hour.

201 (C)—SOPHOMORE PHYSICAL EDUCATION—Participation in lifetime activities including tennis, badminton, table tennis, handball and bowling. Two periods per week. One semester hour.

202 (C)—SOPHOMORE PHYSICAL EDUCATION—Continuation of 201 (C) with participation in volleyball, archery, golf, hiking, and horseshoes. Two periods per week. One semester hour.

103 (C)—FOUNDATIONS OF PHYSICAL EDUCATION—Introduction to the professional phases of Health, Physical Education and Recreation. Required of freshmen majors and minors. Two periods per week. Two semester hours.

203 (C)—PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. Designed to prepare the teacher to direct games and playground activities for grades one through eight. Includes mime-tics, running games, story plays, stunts and calisthenics. Two periods per week. Two semester hours.

204 (C)—SWIMMING—Designed for students who need additional coaching with various strokes and dives. Two periods per week. One semester hour.

205 (C)—LIFE SAVING AND WATER SAFETY INSTRUCTION AND PRACTICE IN LIFE SAVING—Designed for those wishing to obtain American Red Cross Life Saving Certificate. Two periods per week. One semester hour.

207 (W)—CONDITIONING FOR WOMEN—Theory and practice in conditioning exercises for women. Two periods per week. One semester hour.

207 (M)—CONDITIONING FOR MEN—Theory and practice in conditioning exercises for men. Two periods per week. One semester hour.

208 (C)—FOLK DANCES AND RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps and folk dances from various countries. Two periods per week. One semester hour.

300 (W)—TEAM SPORTS FOR WOMEN—Skills and techniques for teaching soccer, speedball, basketball, volleyball, field hockey and softball. Two periods per week. Two semester hours.

300 (M)—TEAM SPORTS FOR MEN—Skills and techniques for teaching soccer, speedball, basketball, volleyball, field hockey and softball. Two periods per week. Two semester hours.

301 (C)—INDIVIDUAL AND DUAL SPORTS—The teaching of sports for lifetime activity. Two periods per week. Two semester hours.

302 (M)—COACHING MAJOR SPORTS—Techniques, formations, plays and tactics of football, basketball, track and baseball are

## *Health and Physical Education*

analyzed. Officiating, important rules, and rule changes are studied. Two periods per week. Two semester hours.

304 (C)—STUNTS AND TUMBLING—Instruction and practice in tumbling activities with emphasis on planning and conducting a tumbling program. Two periods per week. One semester hour.

309 (C)—APPLIED PHYSICAL EDUCATION—To aid the physical education major through class association with the professor in conducting required activity. Two periods per week. Two semester hours.

403 (C)—TEST AND MEASUREMENTS IN PHYSICAL EDUCATION. Current testing programs will be analyzed. Skills, physical fitness and motor fitness tests to be included. Two periods per week. Two semester hours.

404 (C)—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program, organization, and administration of schools. Three periods per week. Three semester hours.

405 (C)—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Three periods per week. Three semester hours.

406 (C)—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped for all age levels. Two periods per week. Two semester hours.

409 (C)—RECREATIONAL LEADERSHIP—Emphasis is placed on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Three periods per week. Three semester hours.

## *Health*

111—PERSONAL HEALTH—Consideration of problems pertaining to the physical, mental, and social well-being of an individual. Includes a survey of health knowledge and its relationship to health habits and attitudes. Three semester hours.

211—COMMUNITY HEALTH—Attention is given to the function and organization of Public Health, with emphasis on the work



of various agencies and the individual's responsibility for community health. Three semester hours.

311—SAFETY EDUCATION AND FIRST AID—American Red Cross standard course in first aid. Development of a safety attitude and the gaining of enough knowledge and skill to administer emergency care to individuals in need. Three semester hours.

411—SCHOOL HEALTH EDUCATION—(Required of Health and Physical Education majors). Prerequisite: Health 111. A survey course designed to impart knowledge of the principles of health education and health-education practices. Emphasis is placed upon methods and techniques that can be used by the teacher. Three broad areas are included: healthful school living, school-health services, and health instruction. Three semester hours.

In addition to the 12 hours offered in Health, a student may take Sociology 303 and Psychology 253 to meet the requirements for certification in Health.

## *Education*

The program of teacher education is designed to serve persons who wish to be certified for elementary and secondary teaching and guidance counseling. 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 general student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods.

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 eight or 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

## *Education*

should make formal application during the semester in which he is enrolled in Psychology 252. 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 satisfactory grade point standing in all college courses (2.25 on a 4.0 scale). In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his advisor in his major teaching field. Final approval will be given by the committee on admissions in the education program.

A minimum of two semesters' study 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 percent 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.

Provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level has been granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

### *NATIONAL TEACHERS EXAMINATION*

Students in the teacher program will be required to take the National Teachers 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 17 hours of credit during the student-teaching 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 A.B. or B.S. program.

### TEACHER EDUCATION CURRICULA

#### *Required for the Elementary:*

Language Arts .....	12 hours
Must include English 354 and a course in Speech	
Natural Science .....	12 hours
Humanities .....	14 hours
Must include Music 351 and Art 311	
Health and Physical Education .....	12 hours
Mathematics .....	6 hours
Social Science .....	12 hours
Professional Education .....	24 hours
Must include:	
Education 407, 411A, 412, 421	
Psychology 252, 404	

In addition to the above requirements, the student must present an academic major of his choosing. It is advised that the student consult with the Director of Teacher Education for help in the selection of his academic major.

#### *Required for the Secondary:*

The person wishing to certify for the Secondary must take, in addition to the core requirements:

Physical Education 250 or Sociology 303	
Mathematics 103	
Professional Education .....	24 hours
Must include:	
Education 407, 471, 472, 481	
Psychology 252, 404	

In addition, an academic major and minor must be completed. If the student selects a major that is not approved by the state for

## *Education*

certification, he should take sufficient hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics and Music. Recommended for all students in teacher education is a course in counseling; and those in secondary education Speech 211.

252—DEVELOPMENTAL PSYCHOLOGY—See Psychology 252.

338—EDUCATIONAL SOCIOLOGY—A study in the application of sociological findings to education. Three semester hours.

362—BASIC PRINCIPLES OF COUNSELING—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied and attention is given to promising counseling techniques. Three semester hours.

401—EDUCATION AND OCCUPATIONAL INFORMATION—A course to provide students opportunity to study the nature of various careers. 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. Three semester hours each semester.

411A—TEACHING OF READING—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. Lecture and supervised observation. Three semester hours.

421—DIRECTED TEACHING IN THE ELEMENTARY SCHOOL—Teaching 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.

470—THE TEACHING OF HIGH SCHOOL READING—A course which treats both the developmental and remedial program in high school. Observation will be made of high school pupils and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.

471-472—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. Three semester hours each semester.

471A—ENGLISH METHODS AND MATERIALS—A study of methods and materials for English teachers, including reading, writing, poetry, and drama. A seminar course. Three semester hours.

471B—MATERIALS AND METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS—A study of science curriculum trends in secondary schools and related teaching skills. Emphasis is placed upon teaching techniques such as demonstration and concept formation. Three semester hours.

481—DIRECTED TEACHING IN THE SECONDARY SCHOOL—Teaching 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 may be intensive supervised individual study or a seminar with regular meetings throughout the semester. May be repeated to a total of six semester hours of credit.



## AREA OF SCIENTIFIC LEARNING

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

### *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 special biological discipline.

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 a primary 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 nor 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, and 250; twelve hours of chemistry, including Chemistry 301; and Mathematics 111 and 112, or 110.

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 forty 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, or 110, with calculus recommended; and Physics 201 and 202.

A biology minor must include Biology 110, 120, 140, and one elective course.

110—HUMAN BIOLOGY—A study of fundamental biological concepts of particular relevance to mankind 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. This course is open to all students as the biology portion of the Science Survey and is required for all biology majors. Four hours credit.

120—BOTANY—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four hours credit.

140—ZOOLOGY—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four hours credit.

210—GENETICS—Fundamental principles of heredity with related statistics and probability. Required of all biology majors. Prerequisite: Twelve hours of biology. Four hours credit.

220—ADVANCED BOTANY—Comprehensive studies of selected processes in the seed plants. Prerequisite: Biology 120. Four hours credit.

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 hours credit.

250—ANATOMY AND PHYSIOLOGY—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. This course is designed for those seeking a Bachelor of Arts degree in biology and for physical education majors. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Four hours credit. Prerequisites: Biology 110 and 140.

310—CELL PHYSIOLOGY—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 302, or concurrent registration, and at least twelve hours of biology. Four hours credit.

320—PLANT PHYSIOLOGY—A survey of general physiological activities of plants. Prerequisite: Biology 310. Four hours credit.

340—ANIMAL PHYSIOLOGY—A study of the function and

## *Biology*

structure of the organ systems of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310.

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. Four hours credit.

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. Four hours credit.

344—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 hours credit.

360—ECOLOGY—Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 310.

380—MICROBIOLOGY—A basic course in the study of microbiology. It includes the preparation of media; sterilization; and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Biology 310. Four hours credit.

410—UNDERGRADUATE 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.

411—BIOLOGICAL TECHNIQUES—A study of the types of equipment, their function and use in the biological sciences. Prerequisites: twenty-four hours of biology, Chemistry 301, and Physics 201 and 202 or concurrent registration. Four hours credit.

412—SEMINAR IN BIOLOGY—Special problems in biology; may include topics selected according to the particular interests of the students in the seminar. May be taken twice for credit. One hour credit each semester.

440—ENDOCRINOLOGY—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four hours credit.

## *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 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the bachelor of science degree consists of thirty-two hours, including Chemistry 101-102, 201-202, 301-302, and 401-402; Mathematics through differential equations; and the completion of the intermediate year of a language, preferably German or French.

101-102—INORGANIC CHEMISTRY—A thorough treatment of the principles of inorganic chemistry. The course prepares for further study in chemistry, medicine, and engineering. Four semester hours each semester.

201—QUALITATIVE ANALYSIS—A course in the identification of the common cations and anions. Discussion on the reactions, techniques, and underlying principles of analytical chemistry. Prerequisites: Chemistry 101-102. Four semester hours.

202—QUANTITATIVE ANALYSIS—A course including representative types of gravimetric and volumetric analysis; a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.

301-302—ORGANIC CHEMISTRY—The preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester; the aromatic compounds in the second. Prerequisite: Chemistry 101-102. Four semester hours each semester.

## *Chemistry*

311—ORGANIC QUALITATIVE ANALYSIS—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 301-302. 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 201, 202; Physics 201-202. Four semester hours each semester.

403—ORGANIC PREPARATIONS—An introductory course in the techniques of the synthesis of organic compounds. Prerequisites: Chemistry 201, 202; 301-302. Four semester hours.

405—ADVANCED INORGANIC CHEMISTRY—A study of homogeneous equilibria. Prerequisites: Chemistry 201, 202; 401-402. Four semester hours.

## *Mathematics*

The aims of mathematics are to develop logical reasoning, to create an inquiring attitude, to provide a general mathematical foundation for life's activities, to promote a desire for further investigation and study, to supply the working tools of science, and to engender a satisfaction in personal accomplishment.

A major in mathematics shall consist of thirty (30) semester hours. A minor shall require twenty-four (24) semester hours.

103-104—FUNDAMENTAL CONCEPTS—(Offered for credit only to elementary education majors.) A study of the structure and content of elementary school mathematics. Includes set theory, whole numbers, induction fields, intuitive geometry, integers and rational numbers. Three semester hours each semester.

110—ALGEBRA AND TRIGONOMETRY—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequence, inverse function, and trigonometric equations. (Prerequisite: Consent of the instructor.) Five semester hours.



111—ALGEBRA—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 functions, triangles, logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.

113—ANALYTICS AND CALCULUS I—A study of cartesian coordinates, graphs, lines, circles, functions, limits, derivatives, differentials of algebraic functions, maxima and minima, rates, and the conics. (Prerequisite: Math 110 or Math 111 and Math 112). Four semester hours.

211—ANALYTICS AND CALCULUS II—A study of the definite integral, differentiation of transcendental functions, formal integration, properties of continuous and differential functions, parametric equations and polar coordinates. (Prerequisite: Math 113). Four semester hours.

212—ANALYTICS AND CALCULUS III—A study of infinite series, solid analytic geometry, vectors, partial differentiation, multiple integration and differential equations. Prerequisite: Math 211. Four semester hours.

215—MODERN GEOMETRY—A study of incidence geometry, distance, congruence, separation, geometric inequalities, congruence without distance, different geometries, area functions, rigid motion, coordinates, and postulation. Prerequisite: Consent of instructor. Three semester hours.

218—NUMBER THEORY—The division algorithms, linear and quadratic congruences, primes and open problems. Prerequisite: Consent of instructor. Three semester hours.

305—DIFFERENTIAL EQUATIONS—The differential equations, the meaning, types of solution and their uses. Prerequisite: Math 212. Three semester hours.

307—LINEAR ALGEBRA—A study of matrices, vector spaces, transformations, and linear systems. Three semester hours.

## *Mathematics*

308—MODERN ALGEBRA—A study of algebraic structures such as rings, fields, groups, and integral domains. Three semester hours.

310—TOPOLOGY—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Three semester hours.

315—PROBABILITY AND STATISTICS—A study of probability, independent trials, functions on a sample space, approximations, elementary statistics and applications. Prerequisite: Math 211. Three semester hours.

390—MATHEMATICAL LOGIC—The sentential calculus, axiomatic discussion of Boolean algebras, formalization of deductive theories. Three semester hours.

408—NUMERICAL ANALYSIS—A study which enables one to write mathematical processes such as integrations and differentiation with arithmetic operations. Prerequisite: Math 212. Three semester hours.

411—INTRODUCTION TO ANALYSIS I—Convergence, limits, continuity, differentiability, the Riemann integral. Prerequisite: Math 212. Three semester hours.

412—INTRODUCTION TO ANALYSIS II—Sequences, series, functions, functions of several variables, measure, outer measure, generalized integration. Prerequisite: Math 411. Three semester hours.

415A, B, C—INDEPENDENT WORK IN MATHEMATICS—Individual work offered on demand. Prerequisite: Major with 3.0 standing in department. Three semester hours.

421-422—SENIOR SEMINAR IN MATHEMATICS—A two-semester sequence required for a major in mathematics. This seminar introduces the senior to the literature in mathematics and gives him an opportunity to begin research. Meets two hours a week. One semester hour each semester.

450—SENIOR THESIS—This is the thesis required for graduation in the honors program. Credit is 3 or 6 hours depending on the nature of the thesis. This is determined by the mathematics faculty.

**THE JUNIOR-SENIOR HONORS PROGRAM IN MATHEMATICS**—A Sophomore mathematics major who has a minimum of a 3.0 grade point ratio may apply for admission to the honors program in mathematics. If he is accepted in the program he must take two semesters of independent work his Junior year. Successful completion of these two courses admits the student to the senior honors program.

His senior year includes the writing of a senior thesis and a two-day comprehensive examination. Candidates who successfully complete the honors work may graduate with honors in mathematics.

*Physics*

**103—PHYSICAL SCIENCE**—A study of a few concepts in physics and chemistry. Noncredit toward a major or minor in science. Four semester hours.

**201-202—GENERAL PHYSICS**—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.

**301—THERMODYNAMICS**—A study of properties of fluids, work, and heat. First and Second Laws of Thermodynamics, open and closed systems, thermodynamic processes, Entropy, availability and inevitabilities of mixtures of gas, power, and refrigeration cycles. Four semester hours.

**302—FLUID MECHANICS**—A study of fluid properties; fluid statistics, fluid dynamics, boundary layer, dimensional analysis, dynamic drag and lift, flow measurements. Four semester hours.

## AREA OF SOCIAL LEARNING

The social studies program of Milligan College is designed to provide for the student a broad and appreciative understanding of the political, economic, and social problems of the current environment. The approach is through study of the background and development of contemporary issues. The purpose of the understanding is to achieve in the student the sustained habit of informed and critical thought toward contemporaneous and future problems involving man's social relationships. The objective of this achievement is to assure that in encountering present and future societal phenomena and in choosing solutions thereto the student will apply Christian ethics.

### *Economics*

For courses in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 404	Business Cycles
Economics 451	Comparative Economic Systems

### *Geography*

103—WORLD GEOGRAPHY—A survey of the principal geographic regions and countries of the world, including political, ethnic, religious, and geologic aspects. This course is open only to those requiring it for a teaching certificate. Alternate years. Three semester hours.

104—ECONOMIC GEOGRAPHY—A detailed study of man's efforts to make adaptation to his physical environment, including distribution of resources and their utilization throughout the world, and the politico-economic problems created by the presence or absence of such resources. This course is open only to those requiring it for a teaching certificate. Alternate years. Three semester hours.

362—GEOGRAPHY OF LATIN AMERICA—A study of Latin America emphasizing the general physical environment of each of the individual nations. In the treatment of each country a study is made of its social, economic, and cultural aspects.

363—GEOGRAPHY OF NORTH AMERICA—A study of the social, and economic characteristics of the United States and Canada. An attempt is made to relate the growth of these aspects to the environmental factors of the country.

*Government*

303—AMERICAN GOVERNMENT—A study of the principles, structure, and functioning of the national, state, and local governments in the United States, with emphasis upon current problems and their background. 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.

401—COMPARATIVE GOVERNMENT—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union, with brief treatments of Japan, Norway, Sweden, Canada, India, and Latin American republics. Prerequisite: Government 303. Alternate years. Three semester hours.

402—POLITICAL THEORY—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. 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



## *History*

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.

## *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.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

113—HISTORY OF CIVILIZATION—A survey of the history of Western culture from its beginning in the Ancient Near East to the times of the Bourbon Louis XIV. Not open to history majors and minors. Three semester hours.

114—HISTORY OF CIVILIZATION—A survey of Western culture from the time of Louis XIV of France to the present. Not open to history majors and minors. Three semester hours.

223—HISTORY OF GREECE—An in-depth study of the Greek world from its foundations, through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient will also be traced. Two semester hours.

224—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. Two semester hours.

301-302—FAR EASTERN CIVILIZATION—A study of the history and life of the peoples in Eastern Asia, the Chinese, the Japanese, and the Koreans, by analyzing their political, economic, and social institutions, and evaluating their intellectual and aesthetic traditions. Three semester hours each semester.

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. The beginnings of nationalism are noted, and attention is given to the types of economic, scientific, and political activity that provide the background for Western culture today. Offered annually. Three semester hours.

307—MODERN HISTORY—A study of the significant development within Western civilization during the period extending from the Protestant Reformation to the middle of the Nineteenth Century. The scope of the study gradually enlarges until it involves a world view. Three semester hours.

308—CONTEMPORARY HISTORY—A study of events, ideas, and institutions which have played a major role in the world during the course of the last century. Special attention is given to the continued growth of nationalism, efforts toward world organization, scientific and technological changes, and the struggle between democratic and totalitarian nations. Three semester hours.

309-310—AMERICAN HISTORY—A study of the history of the United States from the Colonial Period to the World War II, with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and to the social and economic life of the people of the United States. Offered annually. Three semester hours each semester.

313—PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.

317-318—HISTORY OF AMERICAN DIPLOMACY—A study of the entire period of American history from the American Revolution to the present time in reference to its foreign policy. Careful consideration is given to the relations of the United States with Europe, Latin America, and the Orient. Emphasis is placed upon recent developments. Prerequisite: History 309, 310. Offered in alternate years. Three semester hours each semester.

## *History*

331-332—HISTORY OF ENGLAND—The story of England from the earliest times to the present, emphasizing the English constitutional development, concept of representative government, and the building of the Empire. Prerequisite: History 113-114, or Humanities 101-102 as 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 Reformation. Consideration is given to the causes, principles, and history of Protestantism. Offered annually. History 113-114 or Humanities 101-102 prerequisite. Three semester hours each semester.

361—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.

371-372—LATIN AMERICAN HISTORY—Spanish and Portuguese exploration, conquest, and colonization of America. The period of revolution and independence. Latin America in the nineteenth and twentieth centuries with special emphasis upon the history of the recent relations of Latin America to the United States and the world. Prerequisite: History 309-310. Offered as desired alternate years. Two semester hours each semester.

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.

403-404—HISTORIOGRAPHY—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.

405-406—CULTURAL HISTORY OF CHINA—A study of the continuity of the culture of the Chinese, with emphasis on Chinese philosophy from pre-Confucian times to the present; the characteristic institutions of China, political, economic, social, and religious; and some highlights of Chinese art and literature, which represent the timeless elements in Chinese culture. Three semester hours each semester.

411—CIVIL WAR AND RECONSTRUCTION—An examination

of the political, social and economic forces leading to the disruption of the Union. A study of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.

412—RECENT AMERICAN HISTORY—A study of the political, economic, diplomatic and social history of the United States since 1933, with special emphasis on the period since World War II. Three semester hours.

421—HISTORY OF THE ANCIENT NEAR EAST—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 will be 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.

423—EARLY AND MEDIEVAL ISLAMIC HISTORY—An analysis of Islam's origins within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis will be laid upon Moslem contribution to Western Civilization. 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. Required of all Bible majors. Offered annually. Three semester hours each semester.

441-442—SEMINAR STUDIES IN HISTORY—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular in-

## *History*

terests of students in the seminar. Three semester hours each semester.

445—HISTORICAL RESEARCH—Study of the theory and exercise in the practice of original historical research. Open only to students having minimum academic average of B. 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. Open to students having minimum academic average of B. Three semester hours.

## *Sociology*

A minor in sociology consists of eighteen hours of the courses listed below. Courses with an asterisk are required, the remainder are optional.

\*201—INTRODUCTION TO SOCIOLOGY—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.

\*202—SOCIAL PROBLEMS—An analysis of selected contemporary social problems in their social and cultural settings, such as crime, suicide, mental illness, family disorganization, prejudice, poverty. Three semester hours.

\*250—SOCIAL PSYCHOLOGY—(see Psychology 250). Three semester hours.

\*303—THE 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—The nature of crime and delinquency; criminal statistics; causal factors; theories and procedures in prevention and treatment; corrections. Prerequisite: 201 or 202. Three semester hours.



314—RACE AND ETHNIC RELATIONS—Racial and cultural contacts and conflicts; an analysis of prejudice and discrimination; status and participation of minority groups; national and international aspects of minority problems. Prerequisite: 201 or 202. Three semester hours.

338—EDUCATIONAL SOCIOLOGY—(see Education 338). Three semester hours.

350—SOCIAL STATISTICS—(see Psychology 359 or Mathematics 315). Three semester hours.

401—RURAL AND URBAN SOCIOLOGY—The structure and functioning of rural and urban social life; a comparison and contrast of rural and urban social processes and social institutions. Prerequisite: 201 or 202. Three semester hours.

403—URBAN SOCIOLOGY—A study of the sociology of urban life; theories of urban growth; ecology; dynamics of urban change. Prerequisite: 201 or 202. 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; disengagement. Prerequisite: 201 or 202. Three semester hours.

414—SEMINAR IN KINSHIP AND FAMILY—Anthropological analysis of the family, origins, structures, roles and goals around the world. Prerequisite: 201, 202, 303. Three semester hours.

421—RELIGION AND CULTURE—An analysis of the structure, function and process of religion and the effect of cultural change on religions. Prerequisite: 201 or 202. Three semester hours.

424—SOCIOLOGY OF DEVIANT BEHAVIOR—A systematic examination of various types of deviant behavior, with emphasis upon the sociological explanation of underlying factors. Prerequisite: 201 or 202. Three semester hours.

## CURRENT STATISTICS

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### 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 La Rue 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  
Milligan Alumni Endowment Fund  
The Derthick Memorial Fund  
The Kelton Todd Miller Memorial Fund  
The Horace E. and Mary Surepta Burnham Memorial Fund

The Aylette Rains Van Hook Memorial Fund  
The William Paul Fife, Jr., Memorial Fund  
The Mary Harvey Taber Memorial Fund  
The William Robert Feathers Memorial Fund  
The Lee Ann McCormick Memorial Fund  
The Walter White Hannah Memorial Fund  
The Florence Ley Walker Memorial Fund  
The Philip Scharfstein Scholarship Fund

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan Tennessee.

## LIVING LINK RELATIONSHIP

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the school as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

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

East 49th Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christan Church, Johnson City, Tennessee—Dr. Owen L. Crouch

Churches desiring information concerning this program may write to the President of the College.

## THE P. H. WELSHIMER LECTURES

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

## *The P. H. Welshimer Lectures*

The Welshimer Lectures, in addition to perpetuating the memory of the late Dr. Welshimer, are intended to develop creative thought in the fields closest to Dr. Welshimer's heart of New Testament Christianity and the Restoration Movement.

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

1958	.....	Dr. W. R. Walker
1959	.....	Dr. Ard Hoven
1960	.....	No lecturer
1961	.....	Dr. R. M. Bell
1962	.....	No lecturer
1963	.....	Dr. James H. Jauncey
1964	.....	Dr. J. D. Murch
1965	.....	No lecturer
1966	.....	Marshall Leggett
1967	.....	Dr. John Baird
1968	.....	Dr. James G. Van Buren

# THE MILLIGAN COMMUNITY

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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 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 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 Advisors for their commitment to the purpose of the College.

### *Term Expires 1971*

Ard Hoven—S.T.D.—Minister, First Christian Church, Columbus, Indiana

Steve Lacy, LL.D.—*Chairman*—Pure Oil Distributor, Johnson City, Tennessee

C. Howard McCorkle—Superintendent, City Schools, Johnson City, Tennessee

W. H. MacDonald—*Treasurer*—Public Accountant, Hull, Carriger, and Winn, Johnson City, Tennessee



## *Trustees*

John L. Paty—President, Paty Lumber Company, Elizabethton, Tennessee

John U. Phelps—Minister, Clemons, N. C.

Roy True—Public Accountant, Indianapolis, Indiana

George Walker—Insurance Executive, Canton, Ohio

Frank L. Wiegand, LL.D.—Senior General Attorney, United States Steel Corporation, Pittsburgh, Pennsylvania

## *Term Expires 1970*

Harlis Bolling, M.D.—Physician, Mountain Home, Tennessee

Samuel C. Bower—*Vice Chairman*—Physician, Mill Hall, Pennsylvania

Jack Covington—Contractor, Winston-Salem, North Carolina

Mrs. Carla B. Keys—Johnson City, Tennessee

Mrs. L. W. McCown—Johnson City, Tennessee

Albert H. Magness—President, Standard Equipment Company, Bel Air, Maryland

Mrs. B. D. Phillips—Butler, Pennsylvania

\*James L. Tarwater—Executive, Roane Hosiery Mills, Harriman, Tennessee

\*Sam J. Hyder, Sc.D.—Professor, Milligan College, Tennessee

## *Term Expires 1969*

Robert E. Banks—*Secretary*—Attorney, Elizabethton, Tennessee

\*Henry C. Black—Retired Banker, Johnson City, Tennessee

Raymond C. Campbell—Retired Circuit Judge, Elizabethton, Tennessee

Leslie L. Lumsden—Retired, Elizabethton, Tennessee

Wade Patrick—President, Johnson City Transit Company, Johnson City, Tennessee

Robert L. Taylor, LL.D.—United States District Judge, Knoxville, Tennessee

L. Palmer Young, D.D.—Minister, South Louisville Christian Church, Louisville, Kentucky

\*Trustee emeritus.

## BOARD OF ADVISORS

Presently 38 members of Christian Churches from nine states serve on the Board of Advisors. Members are selected from (1) contributing churches and (2) churches at large. The Advisors serve as liaison between the churches and the College. They study all aspects of the College resulting in reports and recommendations to the Board of Trustees. The Advisors meet twice yearly at the same time as the Board of Trustees.

Raymond Alber, Provost, Emmanuel School of Religion, Milligan College, Tenn.

Robert Alexander, Minister, First Christian Church, Thousand Oaks, Calif.

John P. Atkinson, Real Estate Development, Sierra Madre, Calif.

James Barton, Minister, First Christian Church, Nashville, Tenn.

Russell F. Blowers, Minister, East 49th Street Christian Church, Indianapolis, Ind.

Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Ill.

Theodore Cord, Minister, First Christian Church, Stow, Ohio

E. Richard Crabtree, Minister, White Oak Christian Church, Cincinnati, Ohio

Glen Daugherty, Minister, First Christian Church, Greeneville, Tenn.

Gerald Fugit, County Court Judge, Odessa, Tex.

Jack Gilbert, Accountant, Allison Div., General Motors, Indianapolis, Ind.

John Greenlee, Minister, West Side Christian Church, Wichita, Kans.

Henry Gruenberg, Retired Salesman, Flanagin, Ill. and North Miami, Fla.

Harry J. Guion, Insurance Agent, Indianapolis, Ind.

Howard Hauser, President, Oaklandon Sales Company, Indianapolis, Ind.

George Hobbs, Engineer, Painesville, Ohio

W. E. Hyder, Retired, Johnson City, Tenn.

Gary Jenkins, Youth Minister, First Christian Church, Canton, Ohio

Robert L. Kroh, Minister, First Christian Church, Erwin, Tenn.

Marshall Leggett, Minister, Broadway Christian Church, Lexington, Ky.

## *Advisors*

- James DeForest Murch, Author and Lecturer, Cincinnati, Ohio  
Jack Musick, Circuit Court Judge, Elizabethton, Tenn.  
William O. Norris, Minister, Ben Davis Christian Church, Indianapolis, Ind.  
Paul F. Nourse, Minister, First Christian Church, Evansville, Ind.  
Burton L. Page, Businessman, Angola, Ind.  
Donald Ratcliff, Educator, Cayuga, Ind.  
A. E. Rumbaugh, Sr., Rancher and Real Estate, Dickson, Tenn.  
Warren Robbins, Minister, Christian Church, Plainfield, Ind.  
Lucian T. Robinson, Minister, Garden Side Christian Church, Lexington, Ky.  
Donald Sams, Minister, First Christian Church, Elizabethton, Tenn.  
Robert W. Shaw, Minister, First Christian Church, Miami, Fla.  
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tenn.  
Kenneth Spaulding, Professor, East Tennessee State University, Johnson City, Tenn.  
Joseph Sutherland, Minister, Greenwood Christian Church, Canton, Ohio  
Thomas L. Tatham, Attorney, Miami, Fla.  
Robert F. Thompson, President, R. F. Thompson Grain Co., Cayuga, Ind.  
Lester Yearick, Minister, Christian Church, Brownsburg, Ind.  
Harold Zimmerman, Maintenance Engineer, Allison Div., General Motors, Indianapolis, Ind.

## OFFICERS OF ADMINISTRATION

Jess W. Johnson .....	President
Guy Oakes .....	Dean
Joe P. McCormick .....	Assistant to the President
Phyllis D. Fontaine .....	Registrar
B. J. Moore .....	Business Manager
C. Robert Wetzol .....	Director of Summer School
Duard Walker .....	Dean of Men
Mary Perry Young .....	Dean of Women
A. Dudley Dennison, Jr. ....	Dean of the Chapel

## THE FACULTY

Members of the College holding the rank of faculty are elected by the Board of Trustees. Requisites to such election are the profession of Christian faith and the exhibition of Christian character, possession of scholarship and demonstration of professional competency, enthusiasm for teaching and love of young people. Members of the faculty regard themselves as scholars engaged in introducing young people to the heritage, frontiers, and utility of the disciplines and knowledge which form the culture in which we live. They seek to cultivate in each student a resolution to share in the advancement of this culture toward the realization of the Divine will for mankind.

### DEAN EVEREST WALKER, Chancellor (1950)

B.A., Tri-State College; M.A., and B.D., Butler University; D.D., Milligan College; Bethany College; Ohio University; University of Chicago; University of Edinburgh; S.T.D., Kentucky Christian College; Litt.D., Tri-State College.

### JESS W. JOHNSON, President (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.

## *The Faculty*

GUY OAKES, Dean of the College (1943)

B.S., East Tennessee State College; M.S., University of Tennessee; University of Southern California.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., Milligan College.

DUARD B. WALKER, Dean of Men, Professor of Health and Physical Education (1951)

B.S. and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.

MARY PERRY YOUNG, Dean of Women (1962)

A.B., Milligan College; M.R.E., Southern Baptist Theological Seminary.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., East Tennessee State University; Milligan College.

B. J. MOORE, Business Manager (1965)

B.S., East Tennessee State University.

A. DUDLEY DENNISON, JR., Dean of the Chapel (1968)

B.A., Hamilton College; M.D., Cornell University Medical College.

SAM J. HYDER, Professor Emeritus of Mathematics (1916)

B.A., Milligan College; M.A., University of Tennessee; Sc.D., Milligan College.

HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)

B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.

IVOR JONES, Professor of History (1942)

B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University.

LOIS HALE, Professor of English (1947)

B.A., Milligan College; M.A., Duke University; Western Reserve University; University of Chicago.

LONE L. SISK, Professor of Chemistry (1948)

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

WANDA LEE HAMPTON, Assistant Professor of Latin (1948-50; 1962)

B.A., M.A., Butler University; Boston University.



## *The Faculty*

EUGENE P. PRICE, Professor of Business Administration (1949)  
B.A. and M.A., Duke University; Harvard University.

HAZEL TURBEVILLE, Professor of Secretarial Sciences (1950)  
B.A., Western State Teachers College; M.A., University of Kentucky; Bowling  
Green Business University; Ed.S., George Peabody College.

HENRY E. WEBB, Chairman of Biblical Studies and Professor of  
Bible (1950)

B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Th.D.,  
Southern Baptist Seminary; Butler University.

OWEN L. CROUCH, Professor of Religion (1953)

B.A. and M.A., Cincinnati Bible Seminary; B.A., Transylvania College;  
Th.M. and Th.D., Southern Baptist Seminary.

JOHN W. NETH, Director of the P. H. Welshimer Library  
(1953-58, 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  
Tomas (P.I.); George Washington University; Western Reserve University.

ROBERT O. FIFE, Chairman, Area of Social Learning and Pro-  
fessor of History (1954)

B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana Univer-  
sity; University of Glasgow.

DOROTHY S. WILSON, Associate Professor of Art and English  
(1954)

B.S. and M.A., George Peabody College.

E. JANET RUGG, Professor Emeritus of Latin and English (1955)

B.A., M.A., Butler University; Central Missouri State College; University  
of Southern California; University of Chicago; University of Kentucky;  
University of Tennessee.

BEAUFORD H. BRYANT, Professor of Religion (1956)

B.A., Johnson Bible College; M.A., B.D., Phillips University, M.Th., Prince-  
ton Theological Seminary; Ph.D., University of Edinburgh; University of  
Chicago; Harvard; Marburg; Tubingen; Oxford.

ORVEL C. CROWDER, Associate Professor of Psychology and  
Bible (1957)

B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard;  
D.D., Atlanta Christian College.

## *The Faculty*

ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)

B.S., M.A., East Tennessee State College.

B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)

B.S., East Tennessee State College; M.S., University of Tennessee.

JAMES L. SHIELDS, Associate Professor of Education (1959)

B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., Long Beach State College; Ed.D., University of Tennessee.

MARGUERITE PARRIS, Associate Professor of English and Speech (1960)

B.F.A., M.Ed., University of Georgia; Georgia State College for Women; University of London.

EUEL J. OWNBY, Associate Professor of Education (1961)

B.A., Carson-Newman College; M.A., George Peabody College; University of Tennessee.

CHARLES ROBERT WETZEL, Director of Summer School and Associate Professor of Philosophy (1961)

B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; Central State College; Milligan College; Institute for Philosophical Studies.

ROY HAMPTON, Assistant Professor of Mathematics (1963)

B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee; East Tennessee State University; Johns Hopkins University.

DENNIS HELSABECK, Associate Professor of Counseling and Director of Guidance (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.

LEE ROY HERNDON, Professor of Chemistry (1963)

B.A., Maryville College; Ph.D., Johns Hopkins University; University of Chicago.

DONALD RAYMOND SHAFFER, Assistant Professor of German (1963)\*

B.A., Albion College; The Cincinnati Bible Seminary; Michigan State University.

\*On leave of absence.

## *The Faculty*

WILLIAM C. GWALTNEY, JR., Associate Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati.

SAMUEL THOMPSON, Professor of Economics (1964)

B.A., Lincoln Memorial University; M.A. and Ph.D., University of North Carolina; L.L.B., Emory University; Milligan College; East Tennessee State University.

PAUL A. CLARK, Area Chairman of Professional Studies, Professor of Education and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

DEAN H. CROSSWHITE, Assistant Professor of Mathematics (1965)\*

B.A., East Tennessee State University; M.A., University of North Carolina; Peabody College; University of Tennessee.

ANNA MAE 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; Christiansen Choral School (Chicago); Columbia University.

E. LeROY LAWSON, Assistant Professor of English (1965)\*

B.A., Northwest Christian College; B.A., Cascade College; M.A., Reed College; University of Oregon; Portland State College; Vanderbilt University.

GUY R. MAULDIN, Assistant Professor of Mathematics (1965)

B.A., M.S., Mississippi State University; University of Texas; University of Kentucky.

ROGER ALLAN SIZEMORE, Coordinator of Student Life and Assistant Professor of Bible (1965)

B.A., Milligan College; B.D., Christian Theological Seminary; Ph.D., University of Edinburgh; University of Tubingen; Butler University; Ohio State University.

JORGE A. ALCALDE, Assistant Professor of Spanish (1966)

B.A., Ph.D., D.C.L., University of Havana, Cuba.

PATRICIA JANE BONNER, Assistant Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles; Emmanuel School of Religion.

\*On leave of absence.

## *The Faculty*

ALLIE LOU FELTON GILBREATH, Professor of Education (1966)

B.S., Florida State; M.A., University of Iowa; University of Chicago; East Tennessee State University; Litt.D., Steed College of Technology.

STUART CHARLES MILLIGAN, Assistant Professor of Music (1966)

B.M., M.A., Eastman School of Music, University of Rochester; New York State University.

CAROLYN NIPPER, Assistant Professor of English (1966)

B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.

HAROLD SHERWYN BACHMAN, Assistant Professor of Music and Director of the Choirs (1967)

B.A., Goshen College; M.M., Indiana University.

JEANETTE E. CROSSWHITE, Assistant Professor of Music (1967)

B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary.

ROBERT EWBANK, Assistant Professor of Biology (1967)

Milligan College; D.D.S., Northwestern University; East Carolina University.

CHARLES W. GEE, Assistant Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University.

ROBERT B. HALL, Assistant Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; Southern Baptist Theological Seminary; B.D., M.A., Butler University; Vanderbilt University.

HOWARD A. HAYES, Professor of Bible (1967)

B.A., Milligan College; B.D., School of Religion Butler University; M.A., Butler University; S.T.M., Vanderbilt University.

WILLIAM MERVIN MOORHOUSE, Assistant Professor of Speech (1967)

B.Th., Minnesota Bible College; B.D., Christian Theological Seminary; Ph.D., Indiana University; Butler University; University of Minnesota.

EUGENE NIX, Assistant Professor of Chemistry (1967)

B.S. in Ed., M.S. in Ed., University of Georgia; Fort Hays Kansas State College.

## *The Faculty*

RICHARD PHILLIPS, Associate Professor of Bible (1967)

B.A., Th.M., Lincoln Christian College; B.D., M.A., Butler University; Ph.D., Vanderbilt University.

IRA READ, Associate Professor of History (1967)

B.A., Milligan College; M.A., Ph.D., Emory University.

WEN-YEN TSAO, Professor of Far Eastern Studies (1967)

LL.B., National Central University (China); Melbourne University; J.S.D., University of California at Berkley.

TRACEY R. MILLER, Assistant Professor of English (1968)

B.A., Midwest Christian College; M.A., Fort Hays Kansas State College; University of Oklahoma, University of Nebraska.

EARL STUCKENBRUCK, Associate Professor of German  
(1951-52, 1968)

B.A., University of Kansas; B.D., Butler University.

JOHN L. MORRISON, Associate Professor of Education (1968)

B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University.

JUANITA JONES, Assistant Professor of English (1968)

B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.

RALPH WHEELER, Assistant Professor of Biology (1968)

B.A., B.S., Milligan College; M.S., East Tennessee State University.

JOHN DOWD, Associate Professor of Music (1963-67, 1969)

B.M., M.M., New England Conservatory of Music; Boston University; University of Tampa; University of West Virginia.

EDDIE D. LEACH, Assistant Professor of Biology (1969)

B.A., M.A., Baylor University; Ph.D., Texas A & M University.



## ALUMNI

Graduates, former students, and holders of honorary degrees compose the alumni of Milligan College. The purpose of the Alumni Association is to promote a continual relation of mutual helpfulness between the alumni and the College.

### *Officers of the Alumni Association 1969-70*

President—Joseph Sutherland, Minister, Greenwood Christian Church, Canton, Ohio

First Vice-President—James Hamilton, Physician, Kingsport, Tennessee

Second Vice-President—Robert L. Kroh, Minister, First Christian Church, Erwin, Tennessee

Secretary—Patricia Bonner, Professor, Milligan College, Milligan College, Tennessee

Treasurer—Ivor Jones, Professor, Milligan College, Milligan College, Tennessee

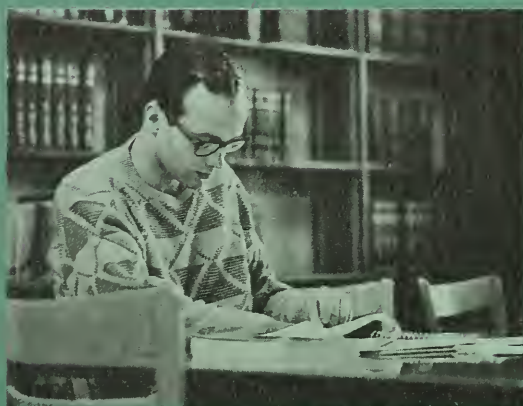
Directors—Donald Shepherd, Kingsport, Tennessee; Mrs. W. H. MacDonald, Johnson City, Tennessee; Mrs. Ray Stahl, Johnson City, Tennessee

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**MILLIGAN COLLEGE**  
**MILLIGAN COLLEGE, TENNESSEE**  
**BULLETIN 1972-74**



## MEMBERSHIPS

Milligan College is fully accredited by its regional accrediting agency. Milligan holds full membership in the Southern Association of Colleges and Schools.

Provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level has been granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

Milligan College is a member of the Association of American Colleges, The Tennessee College Association, The Council for the Advancement of Small Colleges, The Council of Protestant Colleges, the Affiliated Independent Colleges of Tennessee, and the American Association of Colleges for Teacher Education.

In athletics Milligan belongs to two athletic conferences: the Volunteer State Athletic Conference and the Tennessee Intercollegiate Athletic Conference. Milligan also holds membership in the National Association of Intercollegiate Athletics.





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# The Nature of the College

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## 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 institution 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. On September 1, 1968 the National Council for the Accreditation of Teacher Education granted provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level.

In June of 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 May of 1971 the B. D.

Phillips Charitable Trust informed the College of its willingness to fund the \$1,200,000 Steve Lacy Field House.

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 including Christian understanding and practice in the total of life's attitudes and activities.



## CHARACTER

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 of 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 interpenetration 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 Advisors, 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.

## *SPECIFIC OBJECTIVES*

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. 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.

### **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 Saviour.**

The expression "Jesus is Lord and Savior" is to be understood in its 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 That Will 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 Responsibilities 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 this 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 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**

All students not commuting from their homes are expected to live in rooms provided by the College and to board at the dining hall. Other arrangements are subject to approval by the appropriate Dean.

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 Dormitory Resident or House Mother 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 the occupants of the room.

**Regulations**

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment,

## STUDENT LIFE

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 the campus or away.

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 any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern 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.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco by men is restricted to designated places. Membership in Milligan College is not open to women who smoke.

### 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.

A parking fee of \$2.00 per semester will be charged.

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

### Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the School Calendar in the office of

the appropriate 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 Resident or House Mother 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 or House Mother is assisted by Resident Assistants or part of the staff of the Deans of Students. General dormitory regulations are the responsibility of the dormitory councils in co-operation with the Dean's staffs.

### 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 that the student benefit from the opportunities afforded by a small college environment. The House Mothers and Dormitory Residents are likewise alert to cultivate personal knowledge and friendship.

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 college nurse are provided on the campus to

## STUDENT LIFE

care for minor ailments and any emergency. Students are expected to report at once to the college nurse all illness and accidents. Parents will be notified immediately should any student require medical attention other than that provided by the nurse.

The College cannot assume financial liability for 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 insurance program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range in-depth psychoanalytic 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 each week. Attendance is required of all students at these convocations. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and 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 prayer room in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.



Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It sponsors an informal vesper service on Tuesday and Thursday evenings. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) Within 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. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

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

### Representative Organizations

Operating under a charter approved by the administration of the College, the Student Council interprets the traditions of the College and seeks ways and means of stimulating campus activities within the framework of the aims of Milligan.

The Student Council consists of the following elected members: the 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. This group includes appear-

## STUDENT LIFE

ances in high schools, churches, and church conventions in its annual tour. In 1971 the Concert Choir performed at President Richard M. Nixon's Prayer Breakfast in Washington, D. C.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries.

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

### 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, track, tennis, golf, and cross-country.

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, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Approximately 85% of the student body is engaged in competitive intramural sports.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the municipal golf course in Johnson City, three miles from the College.

### Lecture-Concert Series

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

### Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of *The Stampede*, the College newspaper.

The yearbook of the College, *The Buffalo*, presents a pictorial history of the year's activities.

## Speech

The Speakers Bureau is designed to provide for the student contemplating a career in the professions or in business an opportunity to address various civic and professional groups. Speakers are usually speech majors or minors who have demonstrated proficiency in the art of Public Address.

Milligan College encourages participation in inter-collegiate debate. Milligan holds membership in the Tennessee Intercollegiate Forensic Association which provides for a wide variety of tournaments and participants.

## Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching his 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 the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau, a National Honor Society.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

Sigma Delta Psi is an honorary fraternity. Its main interests are to promote campus social life, intramurals, and athletic activities in all sports. Its forty-two members represent all of Milligan inter-

## STUDENT LIFE

collegiate sports. Some members represent an interest only in body conditioning.

The Women's Recreation Association, which promotes an interest in women's intramural sports, is open to all women of the Milligan student body.

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.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and just plain social fun form the basis of regular meetings throughout the year.

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.

### Recreational Organizations

The "M" Club includes all male students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The following service clubs have organizations on the campus: the Civitan Club, the Civinette Club, the Circle K Club, and Alpha Phi Omega.

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.

The International Students' Relation Club is one of the newest clubs on campus. The purpose of this club is to promote a more complete understanding between the American students and the students from other lands. Active membership in the club and the privilege of holding office are open only to the foreign students. American students hold honorary membership.

Each year the Ski Club makes a two-day trip to the lodge of

Blowing Rock. Some members of the club are experienced skiers, and others are completely new at the sport. Membership in the club is open to all Milligan students.

## 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 quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of inter-collegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John E. 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.

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 this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, and the Administrative Assistant to the President.

The P. H. Welshimer Memorial Library is a modern, fireproof, air-conditioned building of three floors. Holdings of more than 60,000 volumes and 529 current periodicals are arranged on open shelves. The building was first occupied in November 1961, and is open more than eighty hours per week. The building 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.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for men and houses the Book Store, the Business Office, the Emmanuel School of Religion offices, and the Office of Admissions and Director of Development. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall was erected in 1919 as a gift to the College by Mr.





and Mrs. Calvin Pardee. This men's residence was recently completely renovated and remodeled. 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. The offices of the Deans of Students are located on the second floor. Other offices in the building are those of the Director of Placement, Director of Student Enlistment, and Director of Alumni Affairs.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of 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, 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 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 three apartments.

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 Mr. and Mrs. John M. Hart of Hartland, Virginia.

The Seeger Memorial Chapel was dedicated November 24, 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, concert, and drama. 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 large 300-student lecture hall, and several special-purpose rooms.

The Steve Lacy Field House is scheduled for occupancy by September 1972. A gift from the B. D. Phillips Memorial Trust to cover the entire construction costs made it possible for Milligan College to accept a grant of Educational Laboratories Facilities. This grant provided the services of Dr. David O. Geiger of Columbia University, the architectural engineer who constructed the famous United States Pavilion at the 1970 Osaka World's Fair. Dr. Geiger is working with Shaver and Co. and RCA to build the first air-cable structure in America on the Milligan College Campus. The building will house regulation and practice-sized basketball courts, a regulation swimming pool, an indoor track, areas for gymnastics and wrestling, and classrooms. It is designed to accommodate Milligan's philosophy of life-time sports.

For additional information concerning student life, write to the Dean of Students.

# Procedures

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## ADMISSIONS

### 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 Enlistment.

The pattern of the high school program recommended for the applicant should consist of three units of English, two units of a foreign language, two units of math, one unit of science, one unit of social studies and a sufficient number of elective units to total sixteen units. To provide further evidence of academic ability, the applicant is required to take the American College Test and furnish the College with these scores.

The following steps are suggested in the admission procedure: (1) The student secures from the Office of Enlistment an application form, 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 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

Entering Freshmen may receive advanced credit for college level work on the basis of an advanced placement examination prepared by the College Entrance Examining Board.







### 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 procedures outlined above. In addition they must furnish the College with transcripts of all previous college work.

### Returning Students

Students who have previously attended Milligan College, but have been out for one or more semesters, should write to the Office of Admissions requesting to be re-admitted. The request is presented to the Admissions Committee for action.

### Special Students

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or year. During that time they are not candidates for a degree.

Special students must have permission of the Academic Dean and (unless over 21 years of age) the endorsement of their parents or guardians for this status. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

### 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.

## EXPENSES

Matriculation Day ordinarily is Saturday of 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 roster.

As a matriculate or member of the College, the student is entitled to the full benefits accruing to his station.

## 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. The student's expenses for one semester will be:

Tuition (for 12 to 17 hours) .....	\$500.00
*Board .....	245.00
Room .....	208.00
Tax on Board .....	12.25
TOTAL .....	<u>965.25</u>

### 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 411, 412, 471, 472 .....	\$ 5.00
Science Laboratory Fee .....	10.00
Psychology 252 .....	5.00
Experimental Psychology .....	10.00
Secretarial Practice .....	10.00
Language Lab Fee .....	5.00
Typing .....	10.00
Biology 311 .....	12.00
Music 281, 381-2 .....	5.00

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\* A change in general food prices may affect the minimum figure.

## EXPENSES

Studio Art Fee .....	10.00
Art 311 .....	5.00
Music Theory .....	5.00
Voice Class .....	15.00
Sheet Music Deposit (refundable) .....	5.00

### Tuition charges in Applied Music

Area of Applied Work	Charge for one semester hour	Charge for two semester hours
Organ	\$35.00	\$55.00
Piano	35.00	55.00
Voice	35.00	55.00

#### Practice Room and Instrument rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hr.)
Voice & Piano	15.00 (1 hr.)	25.00 (2 hr.)

### Summer Sessions Costs

Each five-week session of Summer Session is charged at the following rate:

Tuition per hour of credit .....	\$41.50
Registration Fee .....	5.00
Room .....	64.00
Board .....	74.50

### 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 Deposit

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

## EXPENSES

be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

**CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.**

### Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

### Miscellaneous Fees (per semester)

Tuition each academic hour over 17 .....	\$30.00
Tuition each academic hour under 12 .....	41.50
Diploma and graduation fee .....	20.00
Directed teaching fee .....	15.00
Transcript fee—after first issue .....	1.00
Parking fee .....	2.00
Late registration fee per day .....	5.00
Change of course fee .....	5.00
Fee for materials and methods courses .....	5.00

### Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$41.50 per semester hour.

### 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 payments.

*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 payments.

*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 School:* 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 Hardin Hall. *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 \$110.00 for the year.*

## Board

The cost of Board is \$245.00 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 student to save the clerical and other expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Students who withdraw officially from the College will be



## EXPENSES

charged the rate of \$15.50 per week for the period of their stay in the College.

### Linen Service

By special arrangement with a local linen supply company the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$32.20 for the academic year.

Complete details and reservation form will be mailed to all students prior to the opening of school.

### Refunds

Upon proper notice, a student who withdraws 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 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 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 account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving college.

### Financial Aid

A limited amount of financial aid is available to qualified students who need aid to attend 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 Parents' Confidential Statement with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Parents' Confidential Statement can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to June 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

#### Sources of Financial Aid:

*National Defense Student Loan*—Under this program, undergraduates may borrow up to \$1000.00 per academic year. This loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his college education. The rate of interest is 3%; no interest accrues until the repayment phase begins. Since a minimum repayment of \$15.00 per month is required, many loans will be repaid in less than ten years. A special feature allows borrowers who become full-time teachers in public or private non-profit elementary or secondary schools or in institutions of higher education to cancel up to 50% of their loans and interest thereon at the rate of 10% for each year of teaching service. Any National Defense Student Loan borrower who serves on active duty in the Armed Forces of the United States after July 1, 1970 is eligible to cancel up to 50% of his loan and interest thereon at the rate of 12½% for each year of active military service. This cancellation feature applies only to loans received after April 13, 1970. The repayment of a National Defense Student Loan may be deferred up to three years for Peace Corp and VISTA service and indefinitely for graduate study.

*College Work Study Program*—This federal program provides for part-time employment to full-time students. Students may work a maximum of 15 hours per week and will be paid minimum wage. Campus jobs include work in the cafeteria, laboratories, library maintenance department, and Student Union. Priority is given to students from low-income families.

*Educational Opportunity Grant*—Grants under this program are made available to a limited number of students with exceptional financial need. Such a grant may range from \$200.00 to \$1,000.00, but in no case shall the grant exceed more than 50% of the total aid offered to an individual student.

## EXPENSES

*Milligan College Workshops*—To help students who need to supplement their income during the year, Milligan College offers a workshop program. These workshops provide \$300.00 per year for work of 10 hours a week and \$150.00 per year for work of five hours per week.

### Honor Scholarships

Milligan College grants an honor scholarship of \$450.00 to the honor graduate, who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$150.00 is granted to the students ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarships may be withheld for due cause.

*The Carla B. Keys Scholarship*—A long time trustee of Milligan College, Mrs. Keys established the Keys Scholarship Fund in 1971 by leaving a large portion of her estate to endow scholarships for meritorious students of Milligan College. Prospective and current students of the College with exemplary records of Christian service and academic excellence may apply for a Keys Scholarship.

*The B. Carroll Reece Scholarship*—An annual scholarship of \$200.00 was established to help a needy student from the First Congressional District of Tennessee.

*Ralph S. Depew Memorial Loan Fund*—This loan fund was established to assist ministerial students who demonstrated financial need.

*The Philip Scharfstein Scholarship Fund*—This scholarship is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher.

*The Pharmaceutical Education Loan Fund*—This loan is available to a pre-med student interested in majoring in pharmacy.

*The Fred A. and Daisy A. Hayden Loan Fund*—Members of

the Hayden family shall have preference but not exclusive consideration. Second consideration will be given to those who are preparing for the ministry or other Christian service.

*The Guy Wilson Loan Fund*—This loan fund was established to help a student who demonstrates ability and financial need.

*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.

Persons interested in applying for scholarships should make application to the Chairman of the Scholarship Committee or the Director of Financial Aid.

*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. These loans, which are not generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$1,500 per academic year. The total amount borrowed may not exceed \$7,500.00. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 per cent. For a student whose family has an adjusted annual income below \$15,000, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

*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 the parents' death. In either of the above plans payments are made by the financing company directly to Milligan

## EXPENSES

College on or before the day of registration. Additional information can be obtained by writing the office of Financial Aid.

## 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 New G. I. Bill

Milligan College is eligible to receive veterans under the provisions 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.

Veterans, to qualify, 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.

Payment 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 thirty-six 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 eight years after their last discharge or within eight years after June 1, 1966, if discharged prior to that time.

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





## ACADEMIC INFORMATION

The law grants the veteran a monthly allowance to help him meet in part the cost of his subsistence, tuition, fees, books, supplies and equipment, and other educational costs. Monthly allowances are as follows:

Type of Program	No Dependents	One Dependent	Two or More Dependents
Institutional			
Full Time	\$175.00	\$205.00	\$230.00
$\frac{3}{4}$ Time	128.00	152.00	177.00
Half Time	81.00	100.00	114.00
Cooperative	141.00	167.00	192.00

Dependents include a wife, child, and dependent parent.

### War Orphans

Milligan College is also 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 diseases 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.

### 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 make a non-refundable deposit of \$500.00.

## ACADEMIC INFORMATION

### Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science degree. The major difference in

the two degrees is that foreign language is required for the Arts degree.

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

The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Mathematics, Psychology, Science, and Secretarial Science.

The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

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 151 and three additional hours; four hours of activities in Health and Physical Education, Biology, Chemistry, or Physics, eight hours; Sociology, Economics, or Government, six hours. The candidate for the degree must also present a major, minor, and electives to total 128 semester hours of credit. A student seeking an A. B. degree must complete a foreign language through the intermediate level.

### **Medical and Law Students**

The Bachelor of Arts 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 of the credits earned in the medical or law school to the Registrar.

### **Engineering Students**

Special arrangements have been made with Tri-State College whereby a student completing a three-year program in Milligan

and two years in Tri-State may receive his Bachelor of Arts degree from Milligan and his engineering degree from Tri-State. The student must complete the same program in Milligan College as is required of medical or law students.

### 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: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations, Mathematics, Music, Philosophy, Psychology, Secretarial Science, and Speech.

In addition to this field of major concentration, the student will select one field of minor concentration.

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 grade points for each semester hour.

B—Good—three grade points for each semester hour.

C—Average—two grade points for each semester hour.

D—Poor—one grade point for each semester hour.

F—Unsatisfactory—no grade points.

W—Withdrawn.

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

### 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 point-hour ratio earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a point-hour ratio of 4.00; Magna Cum Laude, based on a point-hour ratio of at least 3.75; and Cum Laude, based on a point-hour ratio of at least 3.33.

### Probation

A student who fails to receive a 2.0 grade-point average during any semester of his program in Milligan will be placed on aca-



## ACADEMIC INFORMATION

demic probation. 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.

### Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

### Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, 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.

Failure to comply with the regulations concerning withdrawal from the College will result in the assignment of "F" for each course in which he is enrolled and will forfeit any returnable fees he may have paid to the College.

For additional academic information write to the Academic Dean.

# Areas of Instruction

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Milligan College proceeds upon the assumption that all knowledge is one. The all-too-popular 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 of 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 convenient 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 Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

## AREA OF BIBLICAL LEARNING

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



## AREA OF BIBLICAL LEARNING

such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

### BIBLE

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 and 471), the major in the Bible shall consist of Bible 201-202, 251-252 or 301-302, 341-342, 431-432, and 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives. The Bible minor shall consist of eighteen hours to be arranged in consultation with the Area Chairman, but it shall not include Bible 471.

### OLD TESTAMENT

123—OLD TESTAMENT SURVEY—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.

251—HISTORY AND 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 latest archaeological evidence. The uses of archaeological data for Biblical studies will be 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 semesters hours each semester.

### NEW TESTAMENT

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.



## AREA OF BIBLICAL LEARNING

201—THE LIFE OF CHRIST—A study of the four Gospels with the intent of showing Christ in person, teaching, and ministry. 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.

313-314—PASTORAL EPISTLES—HEBREWS AND GENERAL EPISTLES—An exegetical examination of the Pastoral Epistles and Hebrews during the first semester and the General Epistles during the second. Offered alternate years. Three semester hours each semester.

411-412—MAJOR PAULINE EPISTLES—An exegetical examination of Romans through Thessalonians. Offered alternate years. Three semester hours each semester.

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

*Field Work*—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for Youth Work, Bible School teaching, Choir directing, and other forms of Christian service and experience. During the first two years of college it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation. No academic credit is offered, but this service is noted on the student's record.

270—INTRODUCTION TO CHRISTIAN MISSIONS—A study of the Biblical and theological basis for missions, pointing out



## AREA OF BIBLICAL LEARNING

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.

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. Includes consideration of major doctrines, figures, and developments. Three semester hours.

351-352—PHILOSOPHY OF RELIGION (See Philosophy 351-352).

491-492—SEMINAR IN RELIGION—A seminar in religion designed to promote depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

## RELIGIOUS EDUCATION

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 will 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 certi-

## AREA OF HUMANE LEARNING

fication, 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.

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.

## AREA OF HUMANE LEARNING

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



## AREA OF HUMANE LEARNING

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, and philosophy. At present a major or minor can be taken in the fields of English, philosophy, speech, and music. A minor can be taken in art.

### Humanities

100—REMEDIAL HUMANITIES—A two semester course designed for those students who need further preparation in reading and writing before being eligible to enroll in Humanities 101. Three semester hours each semester.

101-102—HUMANITIES—A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year begins with the Greeks and ends with the eighteenth century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.

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 and the anxiety and despair manifested in the twentieth century. Six semester hours each semester.

Humanities 101-102 is a required course of study for all freshmen working toward a 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.

### 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 304-305, 311 (or 312 or 313), 432 (or 361), 434 or 435, and 460 or 461. Students having completed two years



of Humanities will be credited with six hours toward the English major. The remaining six hours of junior or senior level courses are elective. 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. Open to second semester freshmen and to sophomores. One or two 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.

307—MODERN DRAMA—Authors, dramas, and tendencies of the drama since 1890, including a comparison or contrast with the drama of other periods. Three semester hours.

308—MODERN POETRY—A study of the leading poets of America and England since 1890. Three semester hours.

311—ADVANCED GRAMMAR—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Three semester hours.

312—INTRODUCTION TO LINGUISTICS—A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.

313—HISTORY OF THE ENGLISH LANGUAGE—A survey of the development of the English language from its Anglo-Saxon origin to the present. 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. Included in English major only for those minoring in elementary education. Three semester hours.

361—NOVEL—A study of the history and development of the



## AREA OF HUMANE LEARNING

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.

430—MEDIEVAL LITERATURE—A study of poetry, prose, and language from the Norman Conquest to the 15th century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.

432—RESTORATION AND 18TH 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. 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. Three semester hours.

460-461—RENAISSANCE DRAMA—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.

462—RENAISSANCE POETRY AND PROSE—Careful readings of the works of Spencer, Sidney, the Metaphysical poets, and Milton. 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.

### Fine Arts

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of art. At the same time it increases

both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

## ART

The minor in art is eighteen hours which shall consist of Art 420, 421, 422, and nine additional hours to be arranged with the art faculty.

101-102—BASIC DESIGN—The study of fundamental elements in principles of design as applied in line, value, and color through various media. Offered alternate years. Three semester hours each semester.

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Offered alternate years. Three semester hours each semester.

211—ELEMENTARY CRAFTS—Projects designed for creative development of elementary school age children. Offered every third year. Two semester hours.

212—LETTERING—An introduction to basic procedures of hand lettering. Offered every third year. Two semester hours.

The courses listed above are double period studio courses. Students furnish their own supplies. Fine arts requirements of other areas are satisfied only by the following courses:

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards an art minor. Three semester hours.

330—AMERICAN ART—A survey of American art from Colonial times to the present. Three semester hours.

420—ART HISTORY: PREHISTORIC TO RENAISSANCE—A survey of sculpture, architecture, painting and the minor arts. Offered alternate years. Three semester hours.

421—ART HISTORY: 17TH CENTURY THROUGH MID 19TH CENTURY—A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

## AREA OF HUMANE LEARNING

422—ART HISTORY: MID 19TH CENTURY TO PRESENT TIME—A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

### MUSIC

The Music Program proposes to promote understanding and enjoyment of music in the college at large and to provide specialized training for those who plan careers in music. 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 musical proficiency.

Details of Music requirements may be found in the Music Handbook available upon request from the Sub-Area of Fine Arts.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete eight semesters study and attain the graduating "applied Level X" requirement and present an acceptable senior recital. A secondary applied area is chosen in which a proficiency must be passed. (Proficiency is tested at a faculty jury. Level IV must be attained including memorized works. The student should complete four semesters of study to prepare for this.) Students must be signed up for ensemble each semester that they attend Milligan College.

The Music Major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, and the applied music discussed above.

All Music Majors must pass Sophomore Barrier 299 at the end of the Sophomore year.

The Music Minor includes Music 143-4, 145-6, 381-2, and six hours of applied music distributed as follows: Four hours in a primary area (attaining Level IV and passing "Proficiency 499"), two hours in a secondary applied area (attaining Level II), and ensemble each semester.

Auditions for senior recitals will be held at the beginning of the second semester, and recital material must be memorized at that time. The student should sign up for two semester hours credit in the first semester of the senior year, instead of the usual one hour credit.

143-144—THEORY OF MUSIC—A partially programmed course in beginning written theory and keyboard. Three semester hours each semester.

## AREA OF HUMANE LEARNING

145-146—BASIC EAR TRAINING—A partially programmed freshman course covering identification, sight-singing, and dictation. One semester hour each semester.

243-244—THEORY OF MUSIC—A partially programmed course in advanced concepts in music theory. Prerequisite: Music 143-144. Three semester hours each semester.

245-246—ADVANCED EAR TRAINING—A sophomore course in advanced study in material similar to 145-146. One semester hour each semester.

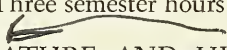
343—COUNTERPOINT—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours each semester.

344—ORCHESTRATION—A survey of the musical instruments, their use in ensembles, styles, and historical practice. Prerequisite: Music 143-144. Three semester hours each semester.



### MUSIC LITERATURE AND HISTORY

281—MUSIC APPRECIATION—Studies in techniques, forms, and styles of music to acquaint the non-music major with the elements of musical culture. Three semester hours each semester.



381-382—MUSIC LITERATURE AND HISTORY—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

### MUSIC EDUCATION

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 each semester.

451—METHODS AND MATERIALS FOR ELEMENTARY SCHOOL MUSIC TEACHERS—Teaching methods, and materials for kindergarten through grade six, including studies of the child's musical development. Substitutes for Education 411 for music majors. Three semester hours.

452—METHODS AND MATERIALS FOR SECONDARY SCHOOL MUSIC TEACHERS—Philosophy, curriculum, meth-

## AREA OF HUMANE LEARNING

ods, and materials of teaching music on the secondary level. Substitutes for Education 472 for music majors. Three semester hours.

### CONDUCTING

363—BEGINNING CONDUCTING—Conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.

364—ADVANCED CONDUCTING—Choral conducting, problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

### SEMINARS

462—SEMINAR—Seminars in specific areas of Music for advanced students in Voice Pedagogy, Piano Pedagogy, Composition, Accompanying, Hymnology, etc. Three semester hours.

### COMPREHENSIVE EVALUATIONS

299—SOPHOMORE BARRIER—Testing general accomplishment at the end of the second year of Music study. See Music Handbook for details of what is expected.

499—SENIOR PROFICIENCY—Testing general accomplishment in the Music Major's minor applied instrument or voice. Music Minors take Senior Proficiency in their major applied.

### APPLIED MUSIC

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ.) He must complete eight semester hours in this area. He must also select a secondary concentration in which he must complete four semester hours and pass a sophomore barrier. 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 barrier.

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

### PIANO

110, 111-410, 411—INDIVIDUAL INSTRUCTION—For piano majors and minors. One half-hour lesson per week. One semester hour each semester.



## AREA OF HUMANE LEARNING

150—INDIVIDUAL INSTRUCTION—For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.

### VOICE

104—VOICE CLASS—Rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone. The student must be able to read notes. Required of all prospective voice students with no prior training. Credit does not apply toward a major or minor in music. One semester hour.

114, 115-414, 415—INDIVIDUAL INSTRUCTION—For voice majors or minors. One half-hour lesson per week. One semester hour each semester.

155—INDIVIDUAL INSTRUCTION—For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.

### ORGAN

118, 119-418, 419—INDIVIDUAL INSTRUCTION—For organ majors and minors. Concentration on music for church organist and recital repertoire for qualified students. One half-hour lesson per week. One semester hour each semester.

160—INDIVIDUAL INSTRUCTION—For non-music majors and minors. One half-hour lesson per week. May be repeated. One semester hour.

### 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. Placement in an ensemble is determined by an audition.

131, 132—431, 432—CHORALE—Mixed chorus. Representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four or five rehearsals per week. One semester hour each semester.

135, 136—435, 436—CHAMBER SINGERS—A small mixed chorus of selected singers to study and perform varied repertoire. The

## AREA OF HUMANE LEARNING

singers perform for limited outside engagements and at the annual Madrigal Dinner. One semester hour each semester.

133, 134—433, 434—MILLIGAN CONCERT CHOIR—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour each semester.

106-107—BAND—Instrumental ensemble that performs at school functions. One semester hour each semester.

### 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 prerequisite to any subsequent semester in the sequence of that language. Admission of freshmen and transfer students with previous study in a language to advanced standing in that language in Milligan College will be determined by the score achieved on a placement test. However, no credit for the 111-112 course in a language will be given students having two high school units in that language.

### CHINESE

111-112—ELEMENTARY CHINESE—Introduction to modern Chinese (Mandarin) with emphasis on syntactic patterns in speech and constant audi-oral drill. The course gives instruction in reading and writing modern Chinese, including the learning of a minimum of three hundred characters. Three semester hours each semester.

211-212—INTERMEDIATE CHINESE—A continuation of training in modern Chinese (Mandarin) with emphasis on reading and writing simple literature, including the learning of an additional minimum of five hundred characters. Three semester hours each semester.



## AREA OF HUMANE LEARNING

### FRENCH

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.

301-302—ADVANCED FRENCH—Advanced composition and conversation. Classes are conducted in French and designed especially for prospective teachers. Prerequisite: French 211-212. Three semester hours each semester.

311-312—SURVEY OF FRENCH LITERATURE—A study of the literature of France from the beginning to the present day, including lectures in English and collateral reading from the most prominent authors. Prerequisite: French 211-212. Three semester hours each semester.

### GERMAN

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, and written composition with a thorough review of pronunciation and grammar, followed by a survey of German literature from the Minnesaenger to the Twentieth Century. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302—ADVANCED GERMAN—Extensive practice in conversation and composition or a study of readings in a selected field,



## AREA OF HUMANE LEARNING

according to the interests of the students. Prerequisite: German 211-212. Three semester hours each semester.

### GREEK, HEBREW

111-112—ELEMENTARY GREEK—A study of the elements of Koinē 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—GREEK READINGS—Rapid reading in Koinē Greek including selections from Matthew, the Pastorals, Septuagint, papyri, Josephus, and Ignatius of Antioch. Three semester hours each semester.

231-232—GREEK READINGS—Rapid reading in Koinē Greek including selections from Mark, I Corinthians, Septuagint, papyri, Philo, and I Clement. Three semester hours each semester.

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.

### LATIN

111-112—ELEMENTARY LATIN—Basic Latin grammar and vocabulary and graded Latin readings to prepare students for reading the Latin classics. Three semester hours each semester.

211-212—INTERMEDIATE LATIN—Advanced grammar study incidental to extended reading in the classics: Caesar, Cicero, Ovid, Vergil, Sallust. Three semester hours each semester.



## AREA OF PROFESSIONAL LEARNING

311-312—ADVANCED LATIN—Advanced grammar, survey Latin teaching materials. 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.

301-302—ADVANCED SPANISH—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours each semester.

311—SURVEY OF SPANISH LITERATURE—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

312—SURVEY OF SPANISH-AMERICAN LITERATURE—Reading of selections from the outstanding authors of several Spanish-American countries and some conversation and composition. Three semester hours.

### Philosophy

The study of philosophy is to increase the student's ability to think intelligently about basic views concerning man and the universe which underlie 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.

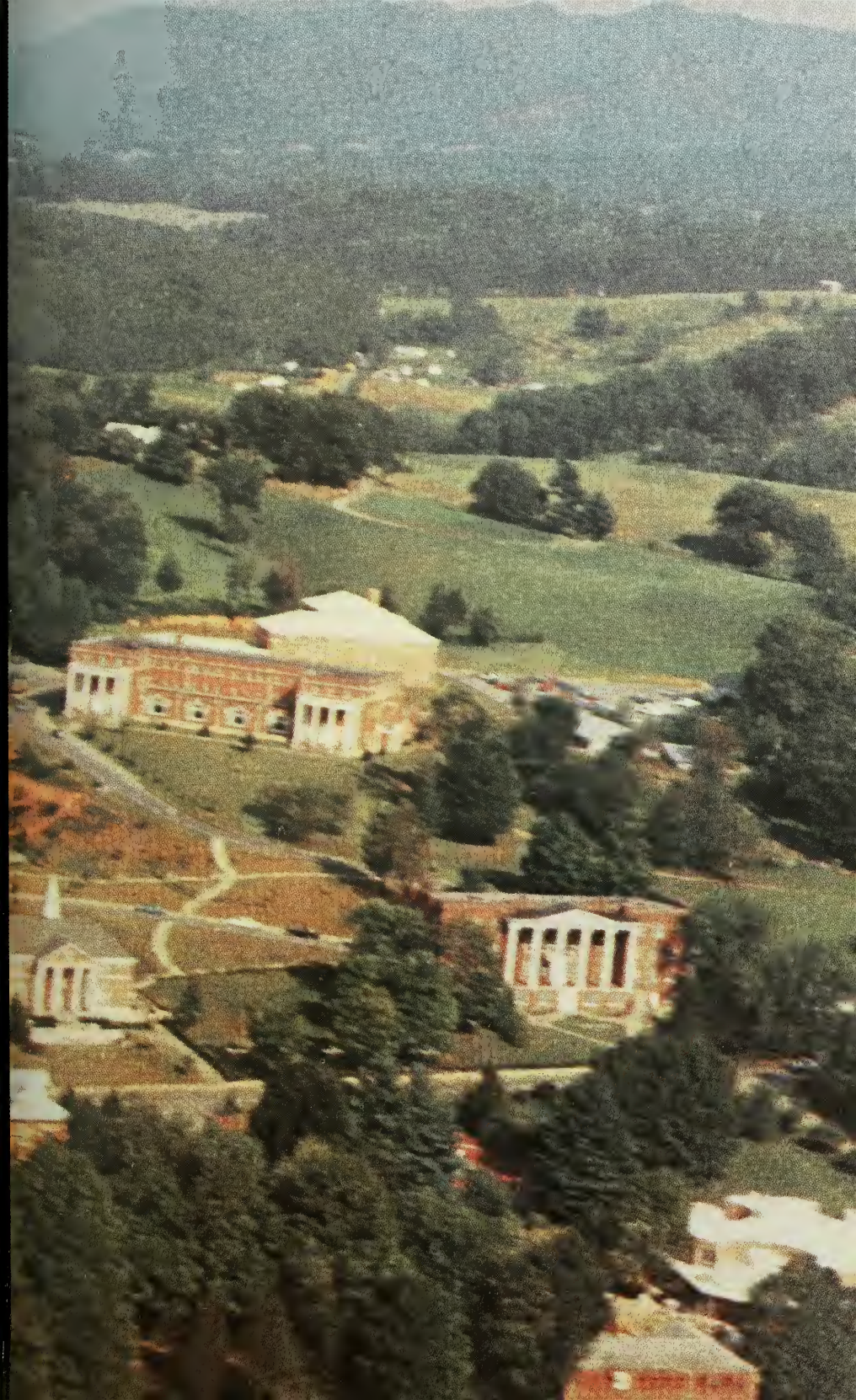
Students majoring in philosophy will complete twenty-four semester hours which must include Philosophy 151, 201, 301-302, 401.



President Jess W. Johnson











Dean C. Robert Wetzel



## AREA OF PROFESSIONAL LEARNING

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 major or minor.

**101-102—INTRODUCTION TO PHILOSOPHY**—An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached topically through the views of representative thinkers. Three semester hours each semester.

**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.

**201—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.

**301—HISTORY OF PHILOSOPHY (ANCIENT)**—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.

**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 Philosophy 101 and 102 or Philosophy 301 and 302. Three semester hours each semester.

**375—PHILOSOPHY IN LITERATURE**—A study of the philosophical questions in selected classics of world literature. Three semester hours.

**390—MATHEMATICAL LOGIC**—The sentential calculus, axiomatic discussion of Boolean algebras, formalization of deductive theories. Three semester hours.

**401-402—SEMINAR STUDIES IN PHILOSOPHY**—A seminar

## AREA OF HUMANE LEARNING

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.

### Speech and Theatre Arts

The Speech curriculum is designed as an interdisciplinary offering for students planning to enter Graduate School in Speech Communication or Theatre Arts as well as for those who choose a career in business professions, public relations, education, professional, political or other public service. It also contributes to an overall understanding of mass communication, both historical and contemporary.

The major in Speech and Theatre consists of thirty hours (6 hours in Humanities plus 24 hours in Speech and Theatre). Required courses include Speech 121 or 211, 301, 340, 341, and 401. The remaining hours are elective, six of which must be at the junior or senior level. Six hours of junior or senior level English courses may be applied to the Speech and Theatre major.

Students minoring in Speech will complete eighteen semester hours. The minor consists of Speech 121 or 211, 340, 341, 401, and six hours of electives.

### 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.

211—PUBLIC SPEAKING—A study of the theory and practice of public speaking giving training in gathering, evaluating, and organizing evidence. Study involves the components of effective delivery and use of the voice, body and language, and includes speaking before the class and critical analysis of contemporary public speakers. Three semester hours.

## AREA OF HUMANE LEARNING

275—HOMILETICS—(See Christian Ministries 275)

301—BUSINESS AND PROFESSIONAL SPEECH—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.

346—PERSUASION IN SPEECH—Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.

360—PSYCHOLOGY OF COMMUNICATION—A study of the psychophysical characteristics of the transference of information, including a phonetic approach to words, sets, and thoughts. An analysis is made of the psychological factors in persuasive communication, both verbal and non-verbal. Three semester hours.

401—DISCUSSION, ARGUMENTATION, AND DEBATE—Emphasis upon the development of logical analysis, evaluation of evidence and argument, psychology of argument and legislative and legal procedures. The course includes an analysis of selected debates and practice in intercollegiate debate. Three semester hours.

490—SEMINAR IN RHETORIC AND PUBLIC ADDRESS—A seminar for senior students designed to develop the ability to do independent research and writing. Students will have an opportunity to employ rhetorical critical analysis. Three semester hours.

### THEATRE ARTS

211—ORAL INTERPRETATION—An intensive study of critical techniques necessary to the understanding of the objectives of oral interpretation. Listening and reading practice of the prose narrative, prose drama, poetic drama, interpretation of the written page are included. Three semester hours.

340—DIRECTING—Emphasis in study on 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. Especially recommended for students supervising plays in the public schools. Three semester hours.

## AREA OF PROFESSIONAL LEARNING

341—ACTING—Experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes being in a play. Three semester hours.

## AREA OF PROFESSIONAL LEARNING

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, 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.

### Business and Economics

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: 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.

A student seeking the Bachelor of Science degree with a major in business administration and economics must complete thirty semester hours including: Business Administration 211-212, Eco-

## AREA OF PROFESSIONAL LEARNING

nomics 201-202, 301, 451, and twelve hours of business and/or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and Business Administration 109. A GPA of 2.25 is required in the major.

A student minoring in business administration and economics must complete eighteen semester hours including: Business Administration 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 by substituting six semester hours of a foreign language for six hours of electives.

### BUSINESS ADMINISTRATION

109—BUSINESS STATISTICS—A course designed to provide background for practical application of statistics in the business and economic environment. Special emphasis is placed on conceptual understanding of measures of central tendency, the construction of indexes, basic probability concepts, theoretical distributions, and simple linear regression and correlation. Three semester hours.

211-212—INTRODUCTORY ACCOUNTING—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: Business Administration 211-212. Three semester hours each semester.

303—PRINCIPLES OF INSURANCE—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. Three semester hours.

304—ADVERTISING—A study of the principles of advertising along with its function and aims in business. Attention is given



## AREA OF PROFESSIONAL LEARNING

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. Three semester hours.

311—COST ACCOUNTING—A study of the methods of accounting for material, labor, and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 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—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.

361—PRINCIPLES OF MANAGEMENT—A study of the basic principles of management. Also considered are decision-making and the fundamental functions 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.

401-402—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.

411-412—INCOME TAX ACCOUNTING—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. Includes study of the concepts of income, capital gains and losses, and deductible expenses. Also covers accounting methods, including withholding procedures, inventories, the state taxes and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.



## AREA OF PROFESSIONAL LEARNING

### 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.

301—CORPORATION 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. Three semester hours.

302—FINANCIAL MANAGEMENT—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.

311—HISTORY OF ECONOMIC THOUGHT—A review of principle 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.

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 monetary systems and theory along with a survey of the commercial banking systems 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.

## AREA OF PROFESSIONAL LEARNING

404—BUSINESS CYCLES—A study of rhythmic increases and decreases in production with emphasis on the basic characteristics and casual factors. Part of the survey is given to a consideration of the most popular cycle theories and the role they play in current cycle forecasting. Some attention is also given to government fiscal and monetary policies as effective tools in reducing the severity of the cycle. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.

451—COMPARATIVE ECONOMIC SYSTEMS—A comparative and analytical study of capitalism, socialism, communism, and fascism as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

### SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian Liberal arts college. This curriculum includes: Secretarial Science 131-132, 133-134; 241-242, 243-244, 351-352, 471-472; Bible 123-124; Economics 201-202; Psychology 151-152; two hours of Physical Education activity courses; and seventeen hours of elective courses. Students with two years of high school typing need not take 131-132.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; and Mathematics 108-109.

131-132—BEGINNING TYPING—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering,



## AREA OF PROFESSIONAL LEARNING

tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.

133-134—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.

241-242—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.

351-352—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. Two semester hours each semester.

471—OFFICE PRACTICE—A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary, including the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, and the general office procedures. Three semester hours.

472—SECRETARIAL PRACTICE—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. 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 well-being of the individual. Courses are provided to give training in recreation and in major and minor sports. In addition, the program



## AREA OF PROFESSIONAL LEARNING

provides for the preparation of teachers in health and physical education as well as coaches and recreational workers.

All men majoring in health and physical education should participate in different varsity sports over a period of four years. Women should be active in several intramural sports.

A major in health and physical education consists of Physical Education 103, 203, 204 or 205, 207, 208, 300 or 302, 304, 403, 404 or 405, and 406; Health 111, 311, 411; Biology 250, 251, and either Health 211, Sociology 303, or Psychology 253.

A minor in health and physical education consists of twenty-four hours and must include Physical Education 103, 203, 204 or 205, 208, 300, 301, 403, and 404 or 405; Health 111, 311, and 411.

100A-100B (C)—RESTRICTED PHYSICAL EDUCATION—Designed for students physically unable to take regularly scheduled activity courses. One semester hour each semester.

101 (M) (W)—FITNESS EDUCATION—Freshmen orientation in physical education with emphasis on theory, training, and conditioning. Two periods per week. One semester hour.

102 (C)—SWIMMING AND TEAM SPORTS—Prescribed participation in coeducational activities. Two periods per week. One semester hour.

200A-200B (C)—RESTRICTED PHYSICAL EDUCATION—Continuation of 100A and 100B. One semester hour each semester.

201 (C)—SOPHOMORE PHYSICAL EDUCATION—Participation in lifetime activities including tennis, badminton, table tennis, handball, and bowling. Two periods per week. One semester hour.

202 (C)—SOPHOMORE PHYSICAL EDUCATION—Continuation of 201 (C) with participation in volleyball, archery, golf, hiking, and horseshoes. Two periods per week. One semester hour.

103 (C)—FOUNDATIONS OF PHYSICAL EDUCATION—Introduction to the professional phases of Health, Physical Education, and Recreation. Two semester hours.

203 (C)—PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. Designed to prepare the teacher to direct games and playground activities for grades one through eight. The course includes mimetics, running games, story plays, stunts, and calisthenics. Two semester hours.

## AREA OF PROFESSIONAL LEARNING

204 (C)—SWIMMING—Designed for students who need additional coaching with various strokes and dives. Two periods per week. One semester hour.

205 (C)—LIFE SAVING AND WATER SAFETY INSTRUCTION AND PRACTICE IN LIFE SAVING—Designed for those wishing to obtain American Red Cross Life Saving Certificate. Two periods per week. One semester hour.

207 (W)—CONDITIONING FOR WOMEN—Theory and practice in conditioning exercises for women. Two periods per week. One semester hour.

207 (M)—CONDITIONING FOR MEN—Theory and practice in conditioning exercises for men. Two periods per week. One semester hour.

208 (C)—FOLK DANCES AND RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps, and folk dances from various countries. Two periods per week. One semester hour.

300 (W)—TEAM SPORTS FOR WOMEN—Skills and techniques for teaching soccer, speedball, basketball, volleyball, field hockey, and softball. Two semester hours.

300 (M)—TEAM SPORTS FOR MEN—Skills and techniques for teaching soccer, speedball, basketball, volleyball, and softball. Two semester hours.

301 (C)—INDIVIDUAL AND DUAL SPORTS—The teaching of sports for lifetime activity. Two semester hours.

302 (M)—COACHING MAJOR SPORTS—Techniques, formations, plays, and tactics of football, basketball, track, and baseball. Officiating, important rules, and rule changes are studied. Two semester hours.

304 (C)—STUNTS AND TUMBLING—Instruction and practice in tumbling activities with emphasis on planning and conducting a tumbling program. Two periods per week. One semester hour.

309 (C)—APPLIED PHYSICAL EDUCATION—To aid the physical education major through class association with the professor in conducting required activity. Two semester hours.

## AREA OF PROFESSIONAL LEARNING

403 (C)—TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. Analysis of current testing programs. Skills, physical fitness, and motor fitness tests are included. Two semester hours.

404 (C)—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program, organization, and administration of schools. Three semester hours.

405 (C)—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Three semester hours.

406 (C)—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped for all age levels. Two semester hours.

409 (C)—RECREATIONAL LEADERSHIP—Emphasis on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Three semester hours.

## HEALTH

111—PERSONAL HEALTH—Consideration of problems pertaining to the physical, mental, and social well-being of an individual, including a survey of health knowledge and its relationship to health habits and attitudes. Three semester hours.

211—COMMUNITY HEALTH—The function and organization of Public Health with emphasis on the work of various agencies and the individual's responsibility for community health. Three semester hours.

311—SAFETY EDUCATION AND FIRST AID—American Red Cross standard course in first aid. The course helps in developing a safety attitude and in gaining knowledge and skill to administer emergency care to individuals in need. Three semester hours.

411—SCHOOL HEALTH EDUCATION—A survey of the principles of health education and health-education practices. Emphasis is placed upon methods and techniques that can be used

## AREA OF PROFESSIONAL LEARNING

by the teacher. Three broad areas are included: healthful school living, school-health services, and health instruction. Prerequisite: Health 111. Three semester hours.

In addition to the twelve hours offered in Health, a student may take Sociology 303 and Psychology 253 to meet the requirements for certification in Health.

### Education

The program of teacher education is designed to serve persons who wish to be certified for elementary and secondary teaching and guidance counseling. 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.

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 eight or 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 during the semester in which he is enrolled in Psychology 252. 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 2.25 on a 4.0 scale. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his adviser in his major teaching field. Final approval will be given by the committee on admissions in the education program.

## AREA OF PROFESSIONAL LEARNING

A minimum of two semesters' study 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 percent 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.

Provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level has been granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

### NATIONAL TEACHERS EXAMINATION

Students in the teacher program will be required to take the National Teachers 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 17 hours of credit during the student-teaching 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 A.B. or B.S. program.



## AREA OF PROFESSIONAL LEARNING

### TEACHER EDUCATION CURRICULA

#### *Required for the Elementary:*

Language Arts .....	12 hours
Must include English 354 and a course in Speech	
Natural Science .....	12 hours
Humanities .....	14 hours
Must include Music 351 and Art 311	
Health and Physical Education .....	12 hours
Mathematics .....	6 hours
Social Science .....	12 hours
Professional Education .....	24 hours
Must include Education 407, 411A, 412, 421, and Psychology 252, 404	

In addition to the above requirements, the student must present an academic major of his choosing. It is advised that the student consult with the Director of Teacher Education for help in the selection of his academic major.

#### *Required for the Secondary:*

The person wishing to certify for the Secondary must take, in addition to the core requirements:

Physical Education 250 or Sociology 303	
Mathematics 103	
Professional Education .....	24 hours
Must include Education 407, 471, 472, 481, and Psychology 252, 404	

In addition an academic major and minor must be completed. If the student selects a major that is not approved by the state for certification, he should take sufficient hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music. Recommended for all students in teacher education is a course in counseling and for those in secondary education Speech 211.

211—INTRODUCTION TO READING—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.

## AREA OF PROFESSIONAL LEARNING

252—DEVELOPMENTAL PSYCHOLOGY—(See Psychology 252).

338—EDUCATIONAL SOCIOLOGY—A study in the application of sociological findings to education. Three semester hours.

362—BASIC PRINCIPLES OF COUNSELING—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied and attention is given to promising counseling techniques. Three semester hours.

401—EDUCATION AND OCCUPATIONAL INFORMATION—A course to provide students opportunity to study the nature of various careers. 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. Three semester hours each semester.

411A—TEACHING OF READING—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.

421—DIRECTED TEACHING IN THE ELEMENTARY SCHOOL—Teaching 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.

470—THE TEACHING OF HIGH SCHOOL READING—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.

## AREA OF SCIENTIFIC LEARNING

471—MATERIALS AND METHODS IN SPECIFIC SECONDARY SUBJECT AREAS—Offered in the specific subject matter areas in which Milligan College offers secondary teacher education programs.

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. Three semester hours.

481—DIRECTED TEACHING IN THE SECONDARY SCHOOL—Teaching 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 may be intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

## AREA OF SCIENTIFIC LEARNING

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

### 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





## AREA OF SCIENTIFIC LEARNING

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.

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 nor 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 301; and Mathematices 111 and 112, or 110.

The requirements for a student who intends to major in biology and teach in elementary school are: twenty-four hours in biology which must include 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 111-112, or 110.

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 forty 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, or 110 with calculus recommended; and Physics 201 and 202.

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 courses.

110—HUMAN BIOLOGY—A study of fundamental biological concepts of particular relevance to mankind 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 credit.

120—BOTANY—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours credit.

140—ZOOLOGY—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four hours credit.



## AREA OF SCIENTIFIC LEARNING

210—GENETICS—Fundamental principles of heredity with related statistics and probability. Prerequisite: Twelve hours of biology. Four semester hours.

220—ADVANCED BOTANY—Comprehensive studies of selected processes in the seed plants. 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 AND PHYSIOLOGY—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. This course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, medical technology, 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.

310—CELL PHYSIOLOGY—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 302, or concurrent registration, and at least twelve hours of biology. Four semester hours.

320—PLANT PHYSIOLOGY—A survey of general physiological activities of plants. Prerequisite: Biology 310. Four 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: Biology 310. 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. Four semester hours.

342—VERTEBRATE EMBRYOLOGY—A study of the general principles of vertebrate development from the formation of gametes

## AREA OF SCIENTIFIC LEARNING

to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours.

350—SCIENCE FOR THE ELEMENTARY SCHOOL—An emphasis of the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward the B.A. degree who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.

360—ECOLOGY—Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 310. 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. Four semester hours.

380—MICROBIOLOGY—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Biology 310. Four semester hours.

411—BIOLOGICAL TECHNIQUES—A study of the types of equipment, their function and use in the biological sciences. Prerequisites: twenty-four hours of biology, Chemistry 301, and Physics 201 and 202 or concurrent registration. Four semester hours.

440—ENDOCRINOLOGY—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hours.

490—UNDERGRADUATE 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.

## Chemistry

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the bio-

## AREA OF SCIENTIFIC LEARNING

logical 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 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the bachelor of science degree consists of thirty-two hours which must include Chemistry 103-104, 202, 301-302, and 401-402; Mathematics through differential equations. 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.

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.

301-302—ORGANIC CHEMISTRY—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 301-302. 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; Physics 201-202. Four semester hours each semester.

404—INSTRUMENTAL METHODS OF ANALYSIS—A study of the use and applications of instrumental methods to qualitative

## AREA OF SCIENTIFIC LEARNING

and quantitative analysis. Prerequisites: Chemistry 301-302. Four semester hours.

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—UNDERGRADUATE RESEARCH PROBLEM—Research on special problems in chemistry under the direct supervision of a faculty member. Prerequisites: twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.

## Mathematics

The aims of mathematics are to develop logical reasoning, to create an inquiring attitude, to provide a general mathematical foundation for life's activities, to promote a desire for further investigation and study, to supply the working tools of science, and to engender a satisfaction in personal accomplishment.

A major in mathematics shall consist of thirty semester hours. A minor shall require twenty-four semester hours.

103-104—FUNDAMENTAL CONCEPTS—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the preceding system by definition. Three semester hours each semester.

108—BUSINESS MATHEMATICS—A study of mathematical tools directly related to the field of management and finance, including a study of ratio, proportion and percent, simple and compound interest, simple and general annuities, amortization, depletion, and capitalization. For business majors and teacher certification only. Does not apply to math major or minor. Three semester hours.

## AREA OF SCIENTIFIC LEARNING

110—ALGEBRA AND TRIGONOMETRY—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequence, inverse function, and trigonometric equations. Prerequisite: Consent of the instructor. Five semester hours.

111—ALGEBRA—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 functions, triangles, logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.

113—ANALYTICS AND CALCULUS I—A study of cartesian coordinates, graphs, lines, circles, functions, limits, derivatives, differentials of algebraic functions, maxima and minima, rates, and the conics. Prerequisite: Math 110 or Math 111 and Math 112. Four semester hours.

211—ANALYTICS AND CALCULUS II—A study of the definite integral, differentiation of transcendental functions, formal integration, properties of continuous and differential functions, parametric equations, and polar coordinates. Prerequisite: Math 113. Four semester hours.

212—ANALYTICS AND CALCULUS III—A study of infinite series, solid analytic geometry, vectors, partial differentiation, multiple integration, and differential equations. Prerequisite: Math 211. Four semester hours.

215—MODERN GEOMETRY—A study of incidence geometry, distance, congruence, separation, geometric inequalities, congruence without distance, different geometries, area functions, rigid motion, coordinates, and postulation. Prerequisite: Consent of instructor. Three semester hours.

305—DIFFERENTIAL EQUATIONS—A study of the differential equations, the meaning, types of solution, and their uses. Prerequisite: Math 212. Three semester hours.



## AREA OF SCIENTIFIC LEARNING

307—LINEAR ALGEBRA—A study of matrices, vector spaces, transformations, and linear systems. Three semester hours.

308—MODERN ALGEBRA—A study of algebraic structures such as rings, fields, groups, and integral domains. Three semester hours.

310—TOPOLOGY—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Three semester hours.

315—PROBABILITY AND STATISTICS—A study of probability, independent trials, functions on a sample space, approximations, elementary statistics, and applications. Prerequisite: Math 211. Three semester hours.

390—MATHEMATICAL LOGIC—(See Philosophy 390).

408—NUMERICAL ANALYSIS—A study which enables one to write mathematical processes such as integrations and differentiation with arithmetic operations. Prerequisite: Math 212. Three semester hours.

411—INTRODUCTION TO ANALYSIS I—Convergence, limits, continuity, differentiability, the Riemann integral. Prerequisite: Math 212. Three semester hours.

412—INTRODUCTION TO ANALYSIS II—Sequences, series, functions, functions of several variables, measure, outer measure, generalized integration. Prerequisite: Math 411. Three semester hours.

415A, B, C—INDEPENDENT WORK IN MATHEMATICS—Individual work offered on demand. Prerequisite: Major with 3.0 grade point average in math. Three semester hours.

421-422—SENIOR SEMINAR IN MATHEMATICS—A two-semester sequence required for a major in mathematics. This seminar introduces the senior to the literature in mathematics and gives him an opportunity to begin research. Two hours a week. One semester hour each semester.

450—SENIOR THESIS—Thesis required for graduation in the honors program. Credit is three or six hours depending on the nature of the thesis. This is determined by the mathematics faculty.

THE JUNIOR-SENIOR HONORS PROGRAM IN MATHE-

## AREA OF SOCIAL LEARNING

**MATICS**—A Sophomore mathematics major who has a minimum of a 3.0 grade point ratio may apply for admission to the honors program in mathematics. If he is accepted in the program, he must take two semesters of independent work his junior year. Successful completion of these two courses admits the student to the senior honors program.

His senior year includes the writing of a senior thesis and a two-day comprehensive examination. Candidates who successfully complete the honors work may graduate with honors in mathematics.

### Physics

**103—PHYSICAL SCIENCE**—A study of a few concepts in physics and chemistry. Noncredit toward a major or minor in science. Four semester hours.

**201-202—GENERAL PHYSICS**—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.

**301—THERMODYNAMICS**—A study of properties of fluids, work, and heat. Consideration is given to the First and Second Laws of Thermodynamics, open and closed systems, thermodynamic processes, Entropy, availability and inevitabilities of mixtures of gas, power, and refrigeration cycles. Four semester hours.

**302—FLUID MECHANICS**—A study of fluid properties, fluid statistics, fluid dynamics, boundary layer, dimensional analysis, dynamic drag and lift, flow measurements. Four semester hours.

## AREA OF SOCIAL LEARNING

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 solution in terms of Christian ethics.

## AREA OF SOCIAL LEARNING

### ECONOMICS

For courses in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 311	History of Economics Thought
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 404	Business Cycles
Economics 451	Comparative Economic Systems

### GEOGRAPHY

103—WORLD GEOGRAPHY—A survey of the principal geographic regions and countries of the world, including political, ethnic, religious, and geologic aspects. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.

104—ECONOMIC GEOGRAPHY—A detailed study of man's efforts to make adaptation to his physical environment, including distribution of resources and their utilization throughout the world and the politico-economic problems created by the presence or absence of such resources. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.

362—GEOGRAPHY OF LATIN AMERICA—A study of Latin America, emphasizing the general physical environment of each of the individual nations. In the treatment of each country a study is made of its social, economic, and cultural aspects. Three semester hours.

363—GEOGRAPHY OF NORTH AMERICA—A study of the social and economic characteristics of the United States and Canada. An attempt is made to relate the growth of these aspects to the environmental factors of the country. Three semester hours.

## AREA OF SOCIAL LEARNING

### GOVERNMENT

303—AMERICAN GOVERNMENT—A study of the principles, structure, and functioning of the national, state, and local governments in the United States with emphasis upon current problems and their background. 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.

401—COMPARATIVE GOVERNMENT—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.

402—POLITICAL THEORY—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. 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.

450-451—SEMINAR IN PRE-LAW STUDIES—A survey of the various phases of American law with emphasis on the essential features of each phase and the proper interpretation of its related legal terms. Three semester hours each semester.

### History

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is,

## AREA OF SOCIAL LEARNING

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.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

History 309-310 is required for both the major and the minor.

223—HISTORY OF GREECE—An in-depth study of the Greek world from its foundations, through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.

224—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. Two semester hours.

301-302—FAR EASTERN CIVILIZATION—A study of the history and life of the peoples in Eastern Asia, the Chinese, the Japanese, and the Koreans, by analyzing their political, economic, and social institutions and evaluating their intellectual and aesthetic traditions. Three semester hours each semester.

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. The beginnings of nationalism are noted, and attention is given to the types of economic, scientific, and political activity that provide the background for Western culture today. Three semester hours.

308—CONTEMPORARY HISTORY—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. Three semester hours.

309-310—AMERICAN HISTORY—A study of the history of the United States from the Colonial Period to the World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and to the social





## AREA OF SOCIAL LEARNING

and economic life of the people of the United States. Offered annually. Three semester hours each semester.

311—HISTORY OF ECONOMIC THOUGHT (See Economics 311)

313—PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.

317-318—HISTORY OF AMERICAN DIPLOMACY—A study of the entire period of American history from the American Revolution to the present time in reference to its foreign policy. Careful consideration is given to the relations of the United States with Europe, Latin America, and the Orient. Emphasis is placed upon recent developments. Prerequisite: History 309, 310. Offered in alternate years. 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.

331-332—HISTORY OF ENGLAND—The story of England from the earliest times to the present, emphasizing the English constitutional development, 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 Reformation. Consideration is given to the causes, principles, and history of Protestantism. 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.

## AREA OF SOCIAL LEARNING

371-372—LATIN AMERICAN HISTORY—A consideration of Spanish and Portuguese exploration, conquest, and colonization of America, the period of revolution and independence, Latin America in the nineteenth and twentieth centuries with special emphasis upon the history of the recent relations of Latin America to the United States and the world. Prerequisite: History 309-310. Offered alternate years. Two semester hours each semester.

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.

403-404—HISTORIOGRAPHY—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.

405-406—CULTURAL HISTORY OF CHINA—A study of the continuity of the culture of the Chinese with emphasis on Chinese philosophy from pre-Confucian times to the present; the characteristic institutions of China, political, economic, social, and religious; and some highlights of Chinese art and literature, which represent the timeless elements in Chinese culture. Three semester hours each semester.

411—CIVIL WAR AND RECONSTRUCTION—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.

412—RECENT AMERICAN HISTORY—A study of the political, economic, diplomatic and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.

421—HISTORY OF THE ANCIENT NEAR EAST—The history of the emerging Mesopotamian civilization from earliest times

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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.

423—EARLY AND MEDIEVAL ISLAMIC HISTORY—An analysis of Islam's origins within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. 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. Three semester hours each semester.

441-442—SEMINAR STUDIES IN HISTORY—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.

445—HISTORICAL RESEARCH—Study of the theory and exercise in the practice of original historical research. Open only to students having minimum academic average of B. 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. Open to students having minimum academic average of B. Three semester hours.

### Human Relations

The Sub-Area of Human Relations provides curricula leading to degree programs in psychology, sociology, institutional service, and



## AREA OF SOCIAL LEARNING

youth leadership. A major in human relations requires a program of 15 hours of core courses which are Psychology 151-152, 350 and Sociology 201, 303. The remaining courses are taken in one of four areas of specialty: psychology, sociology, institutional service, and youth leadership.

### SOCIOLOGY

A minor in Sociology consists of eighteen hours and must include Sociology 201, 350, and 303. Psychology 248 or Math 315 may be substituted for three hours of sociology towards the minor.

201—INTRODUCTION TO SOCIOLOGY—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.

301—SOCIOLOGICAL THEORY—A study of the nature of human society, its cultural patterns, moving forces, and institutional expressions. 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—The nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention and treatment and corrections. Prerequisite: Sociology 201. Three semester hours.

314—RACE AND ETHNIC RELATIONS—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.

338—EDUCATIONAL SOCIOLOGY (See Education 338) Does not meet general education requirements for social studies. Three semester hours.

350—SOCIAL PSYCHOLOGY (See Psychology 350) Does not meet general education requirements for social studies. Three semester hours.



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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 AND FAMILY—Anthropological analysis of the family, including origins, structures, roles, and goals in the family around the world. Prerequisite: Sociology 201 and 303. Three semester hours.

421—RELIGION AND CULTURE—An analysis of the structure, function, and process of religion and the effect of cultural change on religions. Prerequisite: Sociology 201. Three semester hours.

426—SOCIOLOGY OF SMALL GROUPS—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. 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, 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.

## PSYCHOLOGY

The core of contemporary American Psychology is the scientific study of behavior in men and animals. Those who specialize in the arts of assisting men toward the fullest utilization of consciousness and of helping them with their problems and discomforts are also recognized as Psychologists. There is also, traditionally, a philosophical dimension to Psychology, concerning itself with the logical

## AREA OF SOCIAL LEARNING

and historical implications of the ideologies associated with psychological methods.

The Psychology Major constitutes Track One of the Sub-area of Human Relations. The core courses for this Sub-area are required for the major in psychology. In addition, Psychology 248, 259, and 353 are required for majors and minors. The major consists of thirty-six hours. The minor is eighteen semester hours.

151-152—GENERAL PSYCHOLOGY—A survey of the field of psychology, prerequisite to all other courses. Three semester hours each semester.

248—STATISTICS IN PSYCHOLOGY AND EDUCATION—Elementary coverage of descriptive and sampling statistics. Three semester hours.

252—DEVELOPMENTAL PSYCHOLOGY—Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. This 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 the Psychology Area. In Education: Four semester hours. In Psychology: Three semester hours.

259—EXPERIMENTAL PSYCHOLOGY—Basic study of experimental methods and design with emphasis on laboratory and research application: divided between lecture and laboratory sessions. Prerequisite: Psychology 248. 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—PSYCHOLOGY OF PERSONAL ADJUSTMENT—A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. Three semester hours.

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355—LITERATURE AND PSYCHOLOGY—Readings and discussion designed to promote an understanding of the relationships of literature and psychology. 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.

360—PSYCHOLOGY OF MASS COMMUNICATION—(See Speech 360)

404—EDUCATIONAL PSYCHOLOGY—Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Does not apply toward Psychology Major or Minor, except for those certifying to teach. Three semester hours.

452—PASTORAL COUNSELING—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.

454—INTRODUCTION TO PSYCHOLOGICAL TESTING—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 its communications with other disciplines. One to three semester hours.

457—PHILOSOPHICAL PSYCHOLOGY—A study of the Nineteenth and Twentieth Century philosophical-psychological movement with special attention to Phenomenology, Gestalt Psychology, and *Daseinsanalysis*. Three semester hours.

490—SPECIAL PROBLEMS IN PSYCHOLOGY—Supervised independent readings or minor research on selected problems in the field of psychology. Pre-requisite: consent of instructor. One to three semester hours.

# Current Statistics

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## 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

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The McWane Foundation Fund  
The Waddy Trust Fund  
The Johnson City Endowment Fund  
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The Anna Lucas Kennedy Fund  
The Sam J. Hyder Memorial Fund  
The Ada Bennett Memorial Fund  
The A. F. Cochran Memorial Fund  
The Purpose of Man Award Fund

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan Tennessee 37682.

### Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the school 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 49th Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel  
First Christian Church, Johnson City, Tennessee—Dr. Frederick W. Norris  
First Christian Church, Chicago, Illinois; THE DEAN E.

## ENDOWMENT FUNDS OF MILLIGAN COLLEGE

WALKER CHAIR OF CHURCH HISTORY—Dr. Henry  
E. Webb

Churches desiring information concerning this program may  
write to the President of the College.

### THE P. H. WELSHIMER LECTURES

The P. H. Welshimer Lectures have been established by Mrs.  
Mildred Welshimer Phillips and Mr. 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 the late Dr. Welshimer, are intended to develop creative  
thought in the fields of New Testament Christianity and the Res-  
toration Movement to which Dr. Welshimer dedicated his life.

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

1958	.....	Dr. W. R. Walker
1959	.....	Dr. Ard Hoven
1960	.....	No lecturer
1961	.....	Dr. R. M. Bell
1962	.....	No lecturer
1963	.....	Dr. James H. Jauncey
1964	.....	Dr. J. D. Murch
1965	.....	No lecturer
1966	.....	Marshall Leggett
1967	.....	Dr. John Baird
1968	.....	Dr. James G. Van Buren
1969	.....	No lecturer
1970	.....	No lecturer
1971	.....	Dr. Laurence V. Kirkpatrick

# The Milligan Community

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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 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 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.

### Term Expires 1974

Ard Hoven, Minister, First Christian Church, Columbus, Indiana  
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## THE TRUSTEES

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### Term Expires 1973

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Wade Patrick, President, Johnson City Transit Company, Johnson City, Tennessee

Robert L. Taylor, United States District Judge, Knoxville, Tennessee

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### BOARD OF ADVISERS

Presently 50 members of Christian Churches from seventeen states serve on the Board of Advisers. Members are selected from (1) contributing churches and (2) interested people at large. The Advisers serve as liaison between churches and supporting friends of the College. They study all aspects of the College resulting in reports and recommendations to the Board of Trustees. The Advisers meet twice yearly at the same time as the Board of Trustees.

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Members of the College holding the rank of faculty are elected by the Board of Trustees. Requisites to such election are the profession of Christian faith and the exhibition of Christian character, possession of scholarship, demonstration of professional competency, enthusiasm for teaching, and love of young people. Members of the faculty regard themselves as scholars engaged in introducing young people to the heritage, frontiers, and utility of the disciplines and knowledge which form the culture in which we live. They seek to cultivate in each student a resolution to share in the advancement of this culture toward the realization of the Divine will for mankind.

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*m. d. v.*

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

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Dean E. Walker Professor of Church History

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B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.

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B.A., M.A., Baylor University; Ph.D., Texas A & M University.

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B.A., M.S., Mississippi State University; University of Texas; University of Kentucky.

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B.Th., Minnesota Bible College; B.D., Christian Theological Seminary; Ph.D., Indiana University; Butler University; University of Minnesota.

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B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University.

EUEL J. OWNBY, Associate Professor of Education

B.A., Carson-Newman College; M.A., George Peabody College; University of Tennessee.

MARGUERITE PARRIS, Associate Professor of English and Speech

B.F.A., M.Ed., University of Georgia; Georgia State College for Women; University of London.

RICHARD PHILLIPS, Associate Professor of Bible

B.A., Th.M., Lincoln Christian College; B.D., M.A., Butler University; Ph.D., Vanderbilt University; University of Tennessee.

IRA READ, Associate Professor of History

B.A., Milligan College; M.A., Ph.D., Emory University.

B. HAROLD STOUT, Associate Professor of Health and Physical Education

B.S., East Tennessee State University; M.S., University of Tennessee.

EARL STUCKENBRUCK, Associate Professor of German

B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.

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B.S., M.A., George Peabody College.

### Assistant Professors

HAROLD SHERWYN BACHMAN, Assistant Professor of Music  
and Director of the Concert Choir  
B.A., Goshen College; M.M., Indiana University.

PATRICIA JANE BONNER, Assistant Professor of Health and  
Physical Education  
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel  
School of Religion; San Fernando State College; Fullerton State College;  
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JEANETTE E. CROSSWHITE, Assistant Professor of Music  
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological  
Seminary.

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A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State  
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CHARLES W. GEE, Assistant Professor of Biology and Education  
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D.,  
Michigan State University.

ROBERT B. HALL, Assistant Professor of Sociology  
B.A., Cincinnati Bible Seminary; B.D., M.A., Butler University; M.A., Uni-  
versity of Tennessee; Southern Baptist Theological Seminary; Vanderbilt  
University; University of Chattanooga; Harvard University.

HOWARD L. LAMON, Assistant Professor of Business Administra-  
tion  
B.S., Tennessee Wesleyan College; M.B.A., University of Tennessee.

ROBERT P. LINDEMAN, Assistant Professor of Psychology  
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College;  
Ed.D., Oklahoma State University.

RICHARD D. LURA, Assistant Professor of Chemistry  
B.S., University of Wisconsin; Ph.D., Iowa State University.

TRACEY R. MILLER, Assistant Professor of English  
B.A., Midwest Christian College; M.A., Fort Hays Kansas State College;  
University of Oklahoma; University of Nebraska; University of Tennessee.

CHARLES F. T. NAKARAI, Assistant Professor of Music  
B.A., M.M., Butler University; University of North Carolina.

## ALUMNI

CAROLYN NIPPER, Assistant Professor of English

B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.

EUGENE NIX, Assistant Professor of Chemistry

B.S. in ED., M.S. in ED., Ed.D University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated Universities.

FREDERICK W. NORRIS, Assistant Professor of Bible

B.A., Milligan College; B.D., Th.M., Phillips University; Ph.D., Yale University.

DONALD RAYMOND SHAFFER, Assistant Professor of German\*

B.A., Albion College; The Cincinnati Bible Seminary; Michigan State University; Indiana University

GARY O. WALLACE, Assistant Professor of Biology

B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.

PHILLIP A. WORRELL, Assistant Professor of Physical Education

B.S., Milligan College; M.S., Indiana State University; Butler University; Kent State University.

## Library Staff

JOHN W. NETH, Director of the P. H. Welshimer Library

B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College of Teachers; University of Santo Tomas (P.I.); George Washington University; Western Reserve University.

MARY ANN KAPPA, Assistant Librarian and Cataloger

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SONDRA LOGUDA, Reference Librarian

B.S., Northern Illinois University.

## Teaching Fellows

JACK L. KNOWLES

A.B., Milligan College; Ohio State University; University of Tennessee.

JEFF J. KNOWLES

A.B., Milligan College

## ALUMNI

Graduates, former students, and holders of honorary degrees compose the alumni of Milligan College. The purpose of the

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\* On leave of absence.

Alumni Association is to promote a continual relation of mutual helpfulness between the alumni and the College.

**Officers of the Alumni Association 1971-72**

President—James Hamilton, Physician, Kingsport, Tennessee

First Vice-President—Robert L. Kroh, Minister, First Christian Church, Erwin, Tennessee

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Secretary—Patricia Bonner, Assistant Professor, Milligan College, Milligan College, Tennessee

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# MILLIGAN COLLEGE CALENDAR

## Summer Session 1972

First Term .....	June 5-July 7
Second Term .....	July 10-August 11
Summer Commencement .....	August 11
School of Ministry .....	August 14-18

## Fall Semester 1972

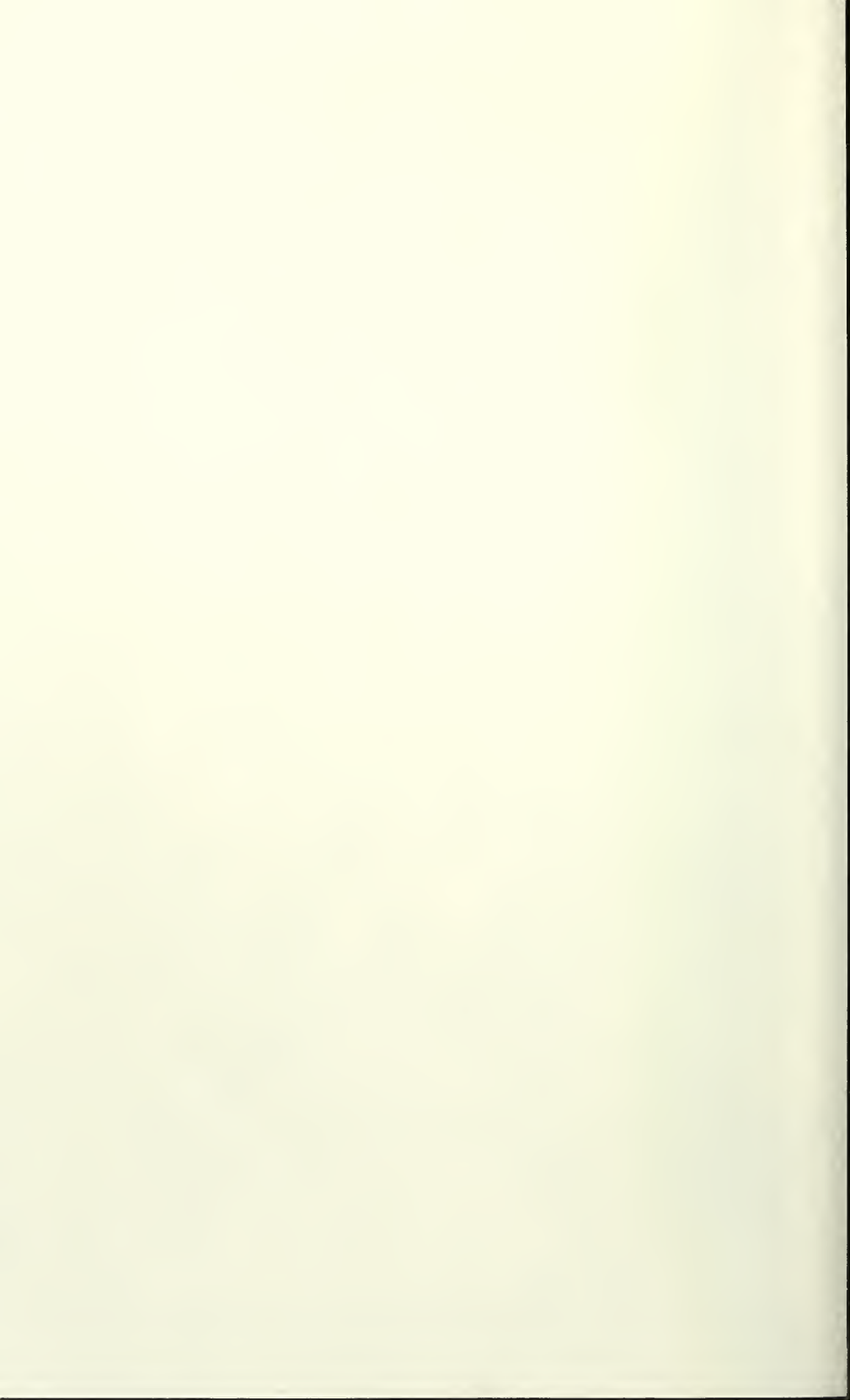
Dorms Open to Freshmen .....	August 26
Freshmen Orientation .....	August 27, 28
Conference for Parents of Freshmen .....	August 27
Faculty Conference .....	August 28
Freshmen and Transfer Reception .....	August 28
Dorms Open to Upperclassmen .....	August 28
Registration (Freshmen and Transfer) .....	August 29
Registration (Upperclassmen and Transfer)....	August 30
Classes Begin .....	August 31
Fall Convocation .....	August 31
Matriculation .....	September 2
Fall Recess .....	Noon, November 3 to 8:00 a.m., No- vember 9
Founder's Day .....	November 24
Final Examinations .....	December 18-22

## Spring Semester 1973

New Student Orientation .....	January 15
Registration .....	January 16, 17
Classes Begin .....	January 18
Spring Holidays .....	Noon, March 23 to 8:00 a.m., April 2
Annie Lucas Kennedy Reading Contest .....	April 20
Awards Dinner .....	May 3
Final Examinations .....	May 14-18
Baccalaureate .....	May 20
Commencement .....	May 21

## Summer Session 1973

First Term .....	June 4-July 6
Second Term .....	July 9-August 10
Summer Commencement .....	August 10



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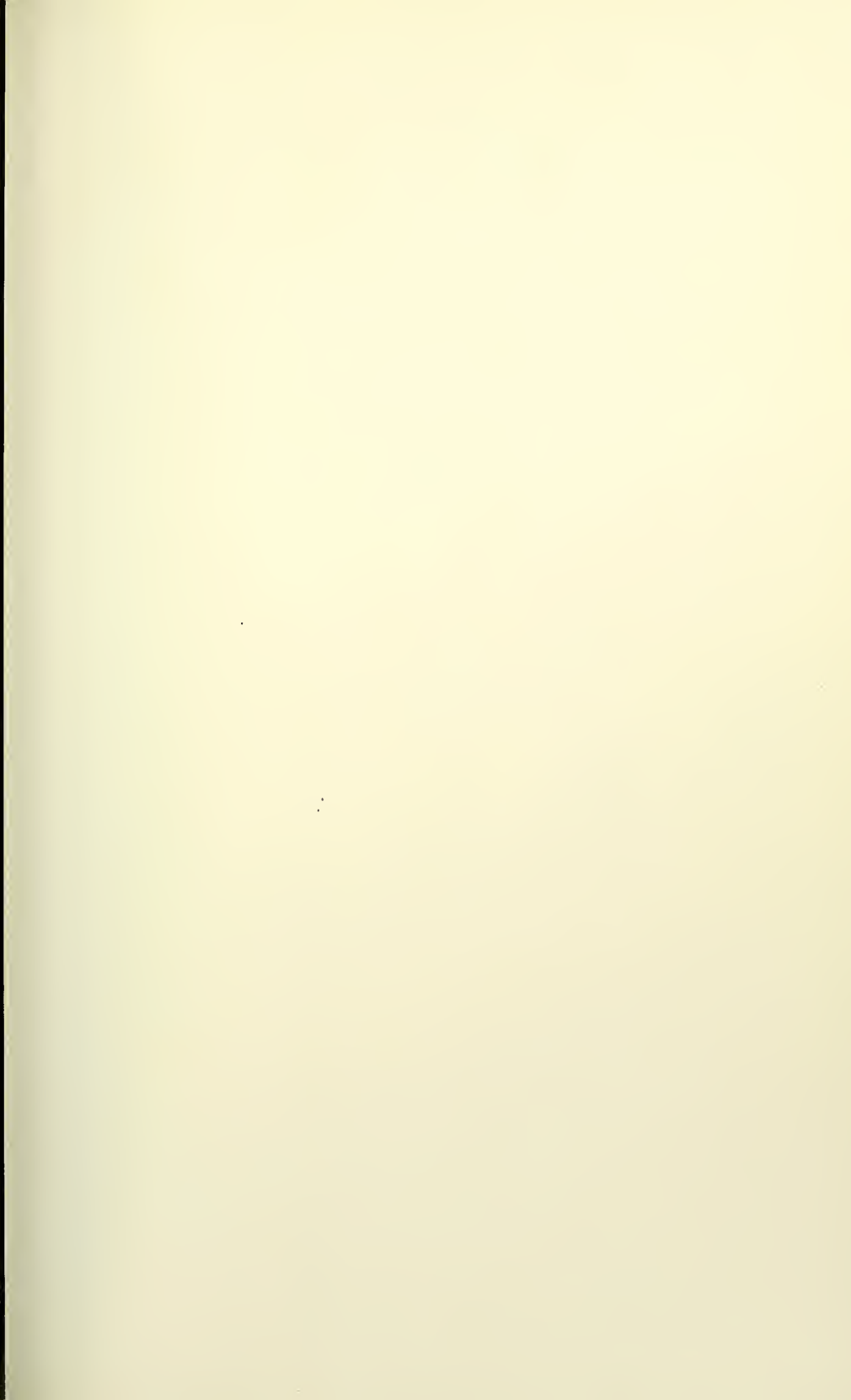


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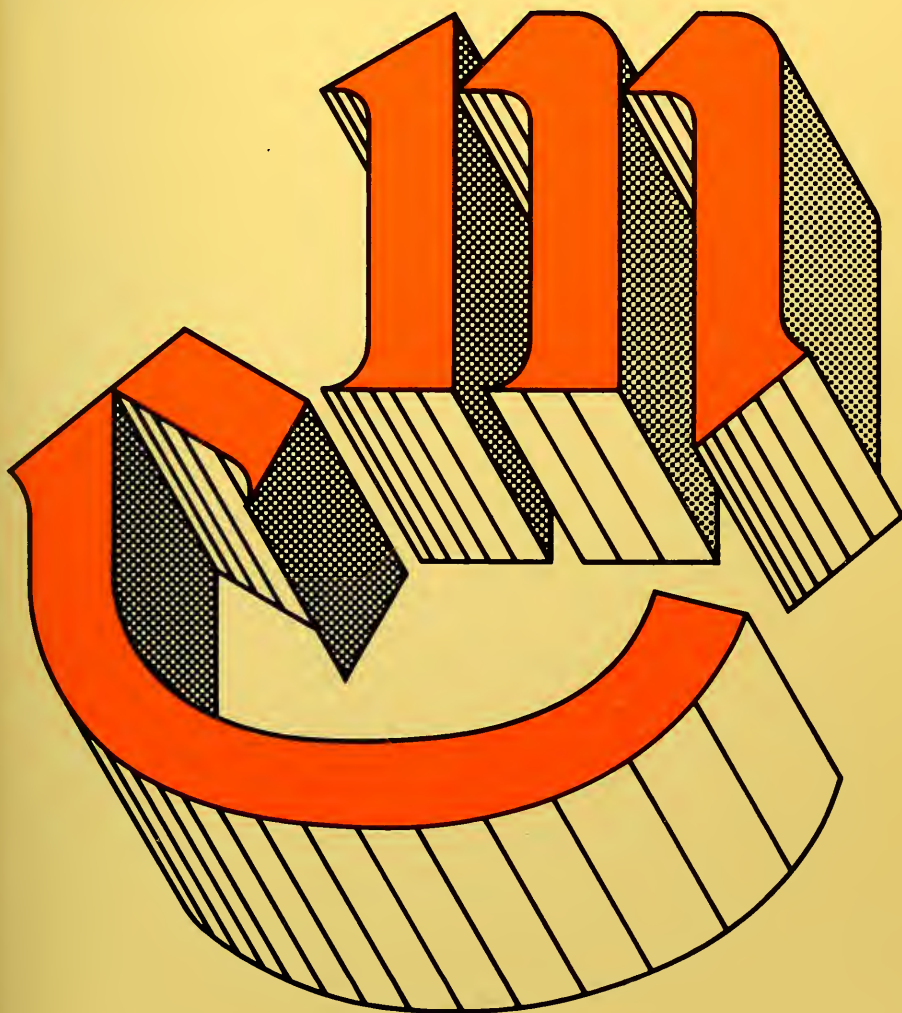


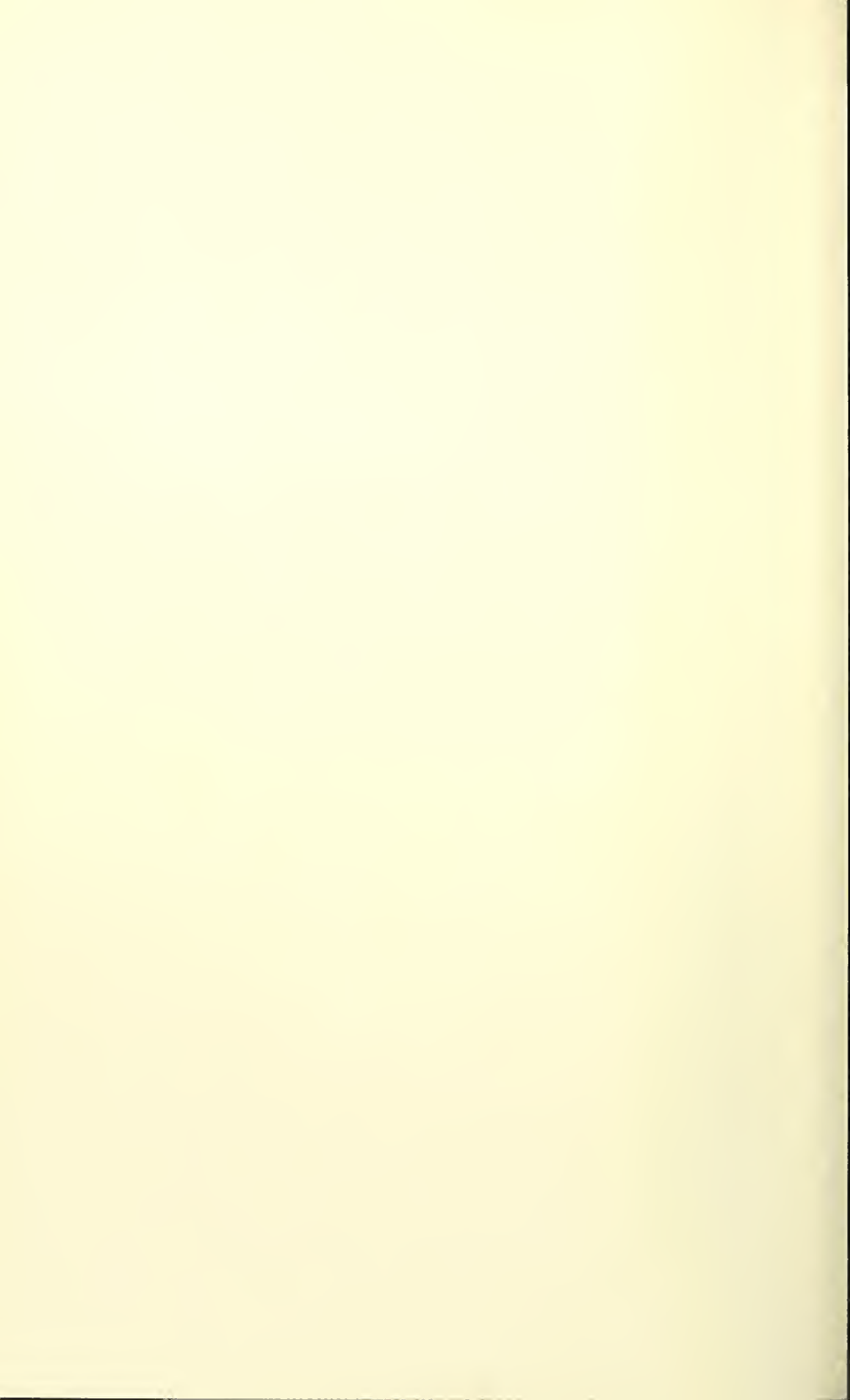


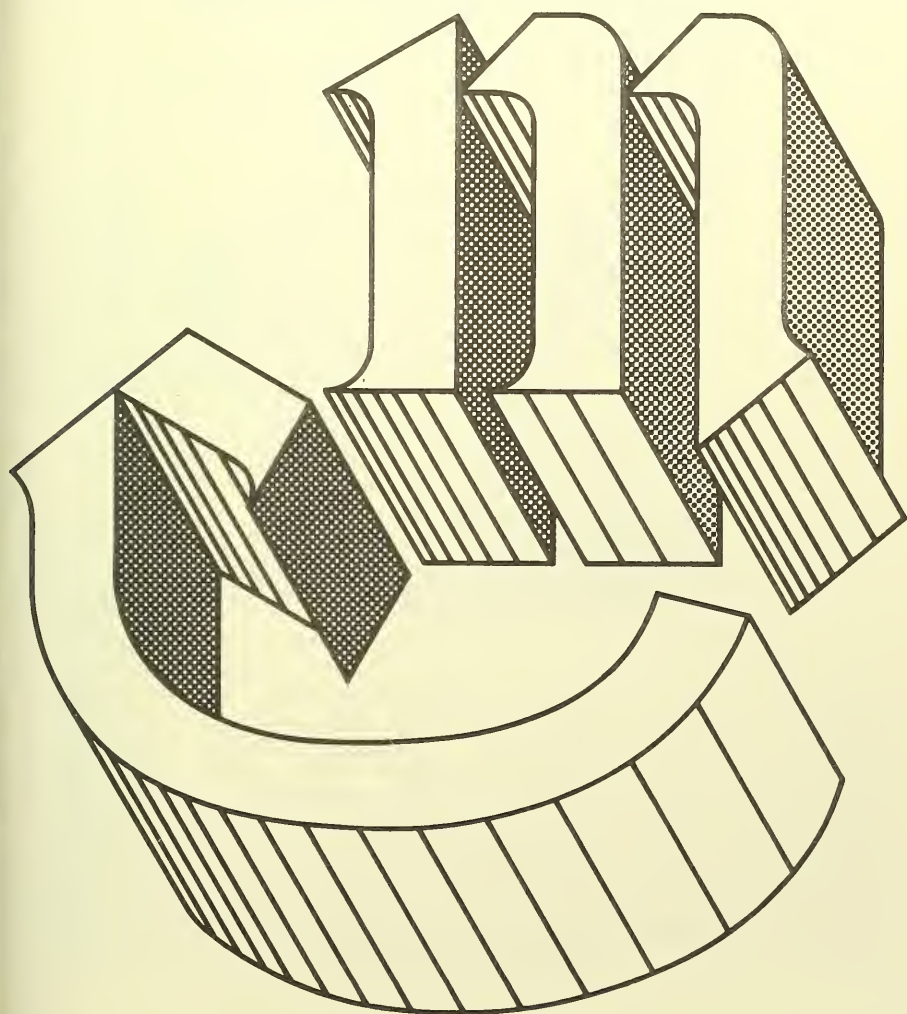




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Milligan College holds full membership in the following accrediting agencies and professional organizations:

- The Southern Association of Colleges and Schools
- The National Council for the Accreditation of Teacher Education
- The Association of American Colleges
- The Tennessee College Association
- The Council for the Advancement of Small Colleges
- The Council of Protestant Colleges
- The Affiliated Independent Colleges of Tennessee
- The American Association of Colleges for Teacher Education
- The Volunteer State Athletic Conference
- The National Association of Intercollegiate Athletics
- The Tennessee Intercollegiate Athletic Conference
- The College Placement Council
- The Association for Schools, Colleges, and University Staffing
- The American College Public Relations Association





# The 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 institution 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. On September 1, 1968 the National Council for the Accreditation of Teacher Education granted provisional accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level.

In June of 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 May of 1971 the B. D. Phillips Charitable Trust informed the College of its willingness to fund the \$1,200,000 Steve Lacy Field House.

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.

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## CHARACTER

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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 including 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 of 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. 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.

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## **SPECIFIC OBJECTIVES**

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Since its beginning Milligan College has sought for its students 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 That Will 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 Responsibilities 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 this 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 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.

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## **STUDENT LIFE**

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### **Residence**

All students not commuting from their homes are expected to live in rooms provided by the College and to board at the dining hall. Other arrangements are subject to approval by the appropriate Dean.

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 Dormitory 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 the occupants of the room.

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

### **Married Student Housing**

Milligan College will have available thirty-two apartments for married students by the fall of 1973. These are two-bedroom units. They are totally electric including heat and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. Most of the units are unfurnished. Contact the Registrar's Office for additional information.

### **Regulations**

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 the campus or away.

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 any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern 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.
5. The use of tobacco is discouraged because of health reasons. The use of



tobacco by men is restricted to designated places. Membership in Milligan College is not open to women who smoke.

### **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.

A parking fee of \$2.00 per semester will be charged.

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

### **Social Activities**

All social activities should first be approved by the faculty sponsor and then entered on the School Calendar in the office of the appropriate 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 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 Resident is assisted by Resident Assistants as part of the staff of the Deans 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 that the student 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.

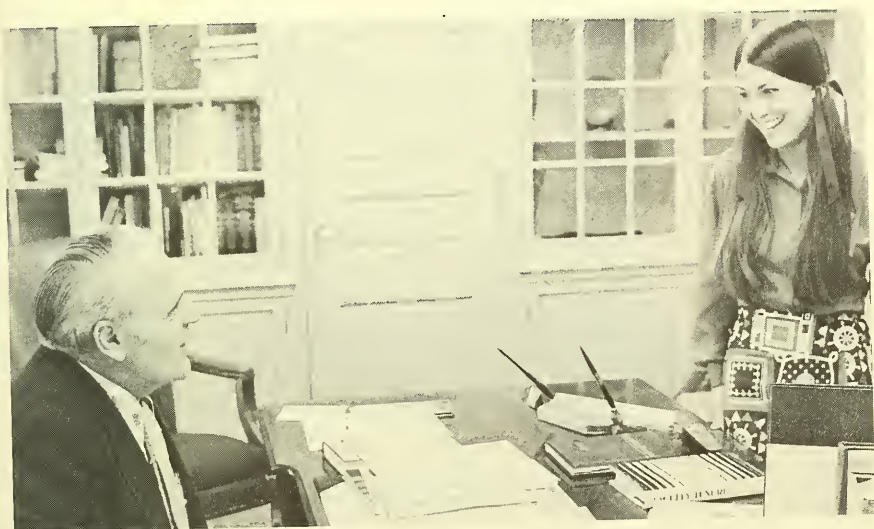
Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

### **Health**

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a college nurse are provided on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse all illness and accidents. Parents will be notified immediately should any student require medical attention other than that provided by the nurse.







The College cannot assume financial liability for 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 insurance program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic 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. Attendance is required of all students at these convocations. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and 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 prayer room in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It sponsors an informal vesper service on Tuesday and Thursday evenings. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) Within 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. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

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

### Representative Organizations

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

The Student Council consists of the following elected members: the 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. This group includes appearances in high schools, churches, and church conventions in its annual tour. In 1971 the Concert Choir performed at President Richard M. Nixon's Prayer Breakfast in Washington, D. C.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries.

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

## **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 track, tennis, golf, and cross-country.

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, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Approximately 85% of the student body is engaged in competitive intramural sports.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College.

## **Lecture-Concert Series**

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

## **Publications**

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stampede**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

## **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 the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau, a National Honor Society.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

Sigma Delta Psi is an honorary fraternity. Its main interests are to promote campus social life, intramurals, and athletic activities in all sports. Its members represent all of Milligan intercollegiate sports. Some members represent an intercollegiate sport. Some members represent an interest only in body conditioning.

The Women's Recreation Association, which promotes an interest in women's intramural sports, is open to all women of the Milligan student body.

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.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and just plain social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose main project is sponsoring a choral festival for area high school students. These students also sponsor receptions after some concerts and serve as ushers for these events.

The Pre-Law Club is a professional organization which promotes the study of law, government, and politics. During the second semester, the club makes an annual field trip to Washington, D.C. Each spring the club also sponsors an annual "Mock Senate" which is open to student participation.

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.



## Recreational Organizations

The "M" Club includes all male students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The following service clubs have organizations on the campus: the Civitan Club, the Civinette Club, the Circle K Club, and Alpha Phi Omega.

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.

The International Students' Relation Club is one of the newest clubs on campus. The purpose of this club is to promote a more complete understanding between the American students and the students from other lands. Active membership in the club and the privilege of holding office are open only to the foreign students. American students hold honorary membership.

Each year the Ski Club makes a two-day trip to the lodge of Blowing Rock. Some members of the club are experienced skiers, and others are completely new at the sport. Membership in the club is open to all Milligan students.

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## 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 quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of inter-collegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John E. 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.

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 this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of the Vice President, the Academic Dean, the Dean of Students, and the Registrar.

The P.H. Welshimer Memorial Library is a modern, fireproof, air-conditioned building of three floors. Holdings of more than 80,000 volumes and 529 current periodicals are arranged on open shelves. The building was first occupied in November 1961 and is open more than eighty hours per week. The building 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.

Hardin Hall was built in 1913. This three-story brick building is a residence

the campus

hall for men and houses the Book Store, the Business Office, the Office of Admissions, and Director of Development. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. This men's residence was recently completely renovated and re-modeled. 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 Placement, Director of Student Enlistment, Director of Alumni Affairs, Director of Church Relations, and Director of Communications.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of 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, 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 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 three apartments.

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 Mr. and Mrs. John M. Hart of Hartland, Virginia.

The Seeger Memorial Chapel was dedicated November 24, 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, concert, and drama. 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 large 300-student lecture hall, and several special-purpose rooms.

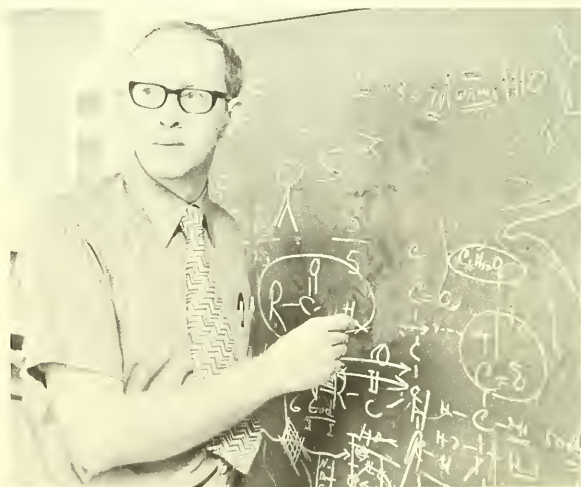
The Steve Lacy Field House is scheduled for occupancy by Fall, 1973. A gift from the B. D. Phillips Memorial Trust to cover the entire construction costs made it possible for Milligan College to accept a grant of Educational Laboratories Facilities. This grant provided the services of Dr. David O. Geiger of Columbia University, the architectural engineer who constructed the famous United States Pavilion at the 1970 Osaka World's Fair. Dr. Geiger is working with Shaver and Co. and RCA to build the first air-cable

structure in America on the Milligan College Campus. The building will house regulation and practice-sized basketball courts, a regulation swimming pool, an indoor track, areas for gymnastics and wrestling, and classrooms. It is designed to accommodate Milligan's philosophy of life-time sports.

For additional information concerning student life, write to the Dean of Students.



# Procedures





## **ADMISSIONS**

### **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 Student Enlistment.

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

Overall excellence of performance in high school subjects and evidence of 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 and furnish the College with these scores.

The following steps are suggested in the admission procedure:

- (1) The student secures from the Office of Student Enlistment an application form, 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 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 United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score 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.

## 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 procedures outlined above. In addition they must furnish the College with transcripts of all previous college work.

## Returning Students

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

Students who have been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee 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

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special students must have permission of the Academic Dean and (unless over 21 years of age) the endorsement of their parents or guardians for this status. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

## 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 Friday of 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 roster.

As a matriculate or member of the College, the student is entitled to the full benefits accruing to his station.

## 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.

The student's expenses for one semester will be:

Tuition (for 12 to 17 hours)	\$550.00
*Board	296.50
Room	208.00
Tax on Board	14.82
<b>TOTAL</b>	<b>\$1,069.32</b>

### 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 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Experimental Psychology	10.00
Secretarial Practice	10.00
Language Lab Fee	5.00
Typing	10.00
Biology 311	12.00
Music 281, 381-2	5.00
Studio Art Fee	10.00
Art 311	5.00
Music Theory	5.00
Voice Class	15.00
Sheet Music Deposit (refundable)	5.00

#### Tuition Charges in Applied Music

Area of Applied Work	Charge for one semester hour	Charge for two semester hours
Organ	\$35.00	\$55.00
Piano	35.00	55.00
Voice	35.00	55.00

#### Practice Room and Instrument Rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice and Piano	15.00 (1 hr.)	25.00 (2 hrs.)

\* A change in general food prices may affect the minimum figure.

## Summer Sessions Costs

Each five-week session of Summer Session is charged at the following rate:

Tuition per hour of credit	\$45.75
Registration Fee	5.00
Room	64.00
Board	89.50

## 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 Deposit

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.

**CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.**

## Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

## Miscellaneous Fees (per semester)

Tuition each academic hour over 17	\$33.00
Tuition each academic hour under 12	45.75
Diploma and graduation fee	20.00
Directed teaching fee	15.00
Transcript fee — after first issue	1.00
Parking fee	2.00
Late registration fee per day	5.00
Change of course fee	5.00
Fee for materials and methods courses	5.00
Audit fee for one semester hour	23.00

## Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$45.75 per semester hour.

## Payment of Accounts

All students 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 payments.

**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 payments.

**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 School:** 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 Hardin Hall. 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 \$120.00 for the year.

## **Board**

The cost of Board is \$296.50 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 expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Students who withdraw officially from the College will be charged the rate of \$18.25 per week for the period of their stay in the College.

## **Linen Service**

By special arrangement with a local linen supply company the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$32.20 for the academic year.

Complete details and a reservation form will be mailed to all students prior to the opening of school.



## Refunds

Upon proper notice, a student who withdraws 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 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 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 account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving college.

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## 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, he 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 Parents' Confidential Statement with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Parents' Confidential Statement can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to May 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 new federal loan replaced the National Defense Student Loan as of July 1, 1972. However, the new program still provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corp., VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

**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 and no cancellation benefits.

**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.

## **Grants and Scholarships**

**Supplemental Educational Opportunity Grant** — This federal program is available to all students with exceptional financial need (Family income of less than \$9,000.00). Eligible students accepted for enrollment on at least a half-time basis may receive a S.E.O.G. Grants may not be less than \$200.00 per year or more than \$1,500.00 (maximum of \$4,000.00 for four year period) or exceed one-half of the student's need for assistance. A S.E.O.G. must be matched dollar for dollar by other sources of financial aid; i.e., scholarships, loans, and/or earnings from College part-time employment.

**Basic Opportunity Grant** — This new federally funded program is scheduled to go into operation for 1973-74. However, no guidelines have been issued by the Department of Education nor has Congress appropriated funds for this program. Additional information will be forthcoming.

**Milligan College Grants** — Grants of various amounts are given to individuals who demonstrate exceptional financial need, but who do not qualify for the Supplemental Educational Opportunity Grant. These grants are generally awarded in conjunction with a work assignment. Failure to complete the work assignment results in the cancellation of the grant.

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

## **Work**

### **Campus Employment**

**College Work-Study Program** — This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Students are paid at least minimum wage. Eligibility depends upon financial need.

**Milligan College Work Program** — This program offers similar on-campus jobs for which Milligan provides the funds. This program is designed to help students who need to supplement their income during the years. These workshops provide a \$300.00 per year scholarship for work of 10 hours a week and a \$150.00 per year scholarship for work of 5 hours per week.

### **Outside Agencies**

**Tennessee Tuition Grant** — This state-funded program provides tuition grants up to \$1000.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Agency, 908 Andrew Jackson State Office Building, Nashville, Tennessee 37219.

**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. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2500 per academic year. The total amount borrowed for under-graduate work may not exceed \$7500. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 per cent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

**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 the parents' death. 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.

**Honor Scholarships** — An honor scholarship of \$450.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$150.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarships may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

**Philip Scharfstein Scholarship** — A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumu-

lative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

**Milligan College Music Scholarship** — A music scholarship of \$500.00 is awarded each year to an entering freshman who demonstrates skill in vocal or instrumental music.

**Milligan College Scholarship** — Scholarships of various amounts are given to individuals who demonstrate academic promise.

**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.

Persons interested in applying for scholarships should make application to the Chairman of the Scholarship Committee or the Director of Financial Aid.

## **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 New G.I. Bill**

Milligan College is eligible to receive veterans under the provisions 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.

Veterans, to qualify, 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 thirty-six 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 eight years after their last discharge or within eight years after June 1, 1966, if discharged prior to that time.

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

## **War Orphans**

Milligan College is also 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 diseases 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.

### **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 make a non-refundable deposit of \$500.00.

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## **ACADEMIC INFORMATION**

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### **Requirements for a Degree**

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science degree. The major difference in the two degrees is that the foreign language is required for the Arts degree.

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

The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Science, and Secretarial Science.

The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

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 151 and three additional hours

Health and Physical Education, two hours

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

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.

### **Medical and Law Students**

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

## CO-OPERATIVE PROGRAMS

### 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 his engineering school. The student must complete the same program in Milligan College as is required of medical or law students.

### Mortuary Science

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. 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 students 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. For further information contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

### 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.

### 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: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations. (Includes Psychology and Sociology), Mathematics, Music, Philosophy, Secretarial Science, and Speech.

In addition to this field of major concentration, the student will select one field of minor concentration.

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 grade points for each semester hour.
- B — Good — three grade points for each semester hour.
- C — Average — two grade points for each semester hour.
- D — Poor — one grade point for each semester hour.
- F — Unsatisfactory — no grade points.
- W — Withdrawn.

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

## **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 point-hour ratio earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a point-hour ratio of 4.00; Magna Cum Laude, based on a point-hour ratio of at least 3.75; and Cum Laude based on a point-hour ratio of at least 3.33.

## **The Dean's List**

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**

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. 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.

## **Reports**

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

## **Classification**

Progression toward the baccalaureate degree is measured by four ranks or classes, 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.

For further academic information write to the Academic Dean.

# Areas of Instruction



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## AREAS OF INSTRUCTION

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Milligan College proceeds upon the assumption that all knowledge is one. The all-too-popular 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 of 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 convenient 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 Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

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### AREA OF BIBLICAL LEARNING

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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.

#### **Bible**

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 and 471), the major in the Bible shall consist of Bible 201-202, 251-252 or 301-302, 341-342, 431-432, and 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives. The Bible minor shall consist of eighteen hours to be arranged in consultation with the Area Chairman, but it shall not include Bible 471.

#### **Old Testament**

**123 - Old Testament Survey** — An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.

**251 - History and 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 latest archaeological evidence. The uses of archaeological data for Biblical studies will be 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.

### New Testament

- 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.
- 313 - 314 - Pastoral Epistles - Hebrews and General Epistles** — An exegetical examination of the Pastoral Epistles and Hebrews during the first semester and the General Epistles during the second. Offered alternate years. Three semester hours each semester.
- 411 - 412 - Major Pauline Epistles** — An exegetical examination of Romans through Thessalonians. Offered alternate years. Three semester hours each semester.
- 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

**Field Work** — A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of college it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation. No academic credit is offered, but this service is noted on the student's record.

- 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.
- 290 - Summer Practicum in Ministry** — Involvement in ministry either in a local congregation or on a mission field for a period of not less than eight weeks under approved supervision and involving adequate evaluation. Arrangements to be approved in advance by Area Chairman. 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. Includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351 - Philosophy of Religion** (See Philosophy 351).
- 491 - 492 - Seminar in Religion** — A seminar in religion designed to promote depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

## Religious Education

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 will 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.
- 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.

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## AREA OF HUMANE LEARNING

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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, and philosophy. At present a major or minor may be taken in the fields of English, philosophy, speech, music, and humanities. A minor can be taken in art.

### 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 as follows: 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.

- 100 - Remedial Humanities** — A two semester course designed for those students who need further preparation in reading and writing before being eligible to enroll in Humanities 101. Three semester hours each semester.
- 101 - 102 - Humanities** — A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year begins with the Greeks and ends with the Eighteenth Century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.
- 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 and the anxiety and despair manifested in the Twentieth Century. Six semester hours each semester. Humanities 101-102 is a required course of study for all freshmen working toward a 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.

- 200 - Humanities European Study Tour** — A study tour of 12 European countries, visiting sites of historical and cultural significances. 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. Six semester hours. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101, 102.
- 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 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.

## 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 304-305, 311 (or 312 or 313), 432 (or 361), 434 or 435, and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining six hours of junior or senior level courses are elective. 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. Open to second semester freshmen and to sophomores. One or two 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. Three semester hours.
- 312 - Introduction to Linguistics** — A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.
- 313 - History of the English Language** — A survey of the development of the English language from its Anglo-Saxon origin to the present. 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. Included in English major only for those minoring 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. Two 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. 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. Three semester hours.
- 460 - 461 - Renaissance Drama** — An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
- 462 - Renaissance Poetry and Prose** — Careful readings of the works of Spencer, Sidney, the Metaphysical poets, and Milton. 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.

## Fine Arts

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of art. At the same time it increases both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

## Art

The minor in art is eighteen hours which shall consist of Art 420, 421, 422, and nine additional hours to be arranged with the art faculty.

- 101 - 102 - Basic Design** — The study of fundamental elements in principles of design as applied in line, value, and color through various media. Offered alternate years. Three semester hours each semester.
- 201 - 202 - Elementary Drawing and Painting** — Fundamentals in drawing and painting. Offered alternate years. Three semester hours each semester.
- 211 - Elementary Crafts** — Projects designed for creative development of elementary school age children. Offered every third year. Two semester hours.



**212 - Lettering** — An introduction to basic procedures of hand lettering. Offered every third year. Two semester hours.

The courses listed above are double period studio courses. Students furnish their own supplies. Fine arts requirements of other areas are satisfied only by the following courses:

**311 - Art for Elementary Teachers** — Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards an art minor. Three semester hours.

**330 - American Art** — A survey of American art from Colonial times to the present. Three semester hours.

**420 - Art History: Prehistoric to Renaissance** — A survey of sculpture, architecture, painting and the minor arts. Offered alternate years. Three semester hours.

**421 - Art History: Seventeenth Century Through Mid Nineteenth Century** — A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

**422 - Art History: Mid Nineteenth Century to Present Time** — A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

## Music

The Music Program proposes to promote understanding and enjoyment of music in the college at large and to provide specialized training for those who plan careers in music. 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 musical proficiency.

Details of music requirements may be found in the Music Handbook, available upon request from the Sub-area of Fine Arts.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete eight semesters study and attain the graduating "applied Level X" requirements and present an acceptable senior recital. A secondary applied area is chosen in which a proficiency must be passed. (Proficiency is tested at a faculty jury. Level IV must be attained including memorized works.) Students must be signed up for 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 Sophomore Barrier 299 at the end of the sophomore year.

The Music Minor includes Music 143-4, 145-6, 381-2, and applied music distributed as follows: Eight hours in a primary area (attaining Level IV and passing "Proficiency 499") a secondary proficiency area (attaining Level II), and ensemble each semester.

Auditions for senior recitals will be held at the beginning of the second semester, and recital material must be memorized at that time. The student should sign up for two semester hours credit in the first semester of the senior year, instead of the usual one hour credit.

**143 - 144 - Theory of Music** — A partially programmed 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.
- 243-244 - Theory of Music** — A partially programmed course in advance concepts in music theory. Prerequisite: Music 143 - 144. Three semester hours each semester.
- 245 - 246 - Advanced Ear Training** — A sophomore course in advanced study in material similar to 145-146. One semester hour each semester.
- 343 - Counterpoint** — A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243 - 244. Three semester hours each semester.
- 344 - Orchestration** — A survey of the musical instruments, their use in ensembles, styles, and historical practice. Prerequisite: Music 143 - 144. Three semester hours each semester.
- 385 - 386 - Form and Analysis** — A study of the more advanced forms of music. Two semester hours each semester.

### Music Literature and History

- 281 - Music Appreciation** — Studies in techniques, forms, and styles of music to acquaint the non-music major with the elements of musical culture. Three semester hours each semester.
- 381 - 382 - History and Literature** — A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

### Music Education

- 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 each semester.
- 451 - Methods and Materials for Elementary School Music Teachers** — Teaching methods, and materials for kindergarten through grade six, including studies of the child's musical development. Substitutes for Education 411 for music majors. Three semester hours.
- 452 - Methods and Materials for Secondary School Music Teachers** — Philosophy, curriculum, methods, and materials of teaching music on the secondary level. Substitutes for Education 472 for music majors. Three semester hours.

### Conducting

- 363 - Beginning Conducting** — Conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
- 364 - Advanced Conducting** — Choral conducting, problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

### Seminars

- 462 - Seminar** — Seminars in specific areas of Music for advanced students in

Voice Pedagogy, Piano Pedagogy, Composition, Accompanying, Hymnology, etc. Two semester hours.

### Comprehensive Evaluations

**299 - Sophomore Barrier** — Testing general accomplishment at the end of the second year of Music study. See Music Handbook for details of what is expected.

**499 - Senior Proficiency** Testing general accomplishment in the Music Major's minor applied instrument or voice. Music Minors take Senior Proficiency in their major applied.

### Applied Music

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ.) He must complete eight semesters in this area. 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 barrier.

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

### Piano

**110, 111 - 140, 411 - Individual Instruction** — For piano majors and minors. One hour lesson per week. Two semester hours each semester.

**150 - Individual Instruction** — For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.

### Voice

**104 - Voice Class** — Rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone. The student must be able to read notes. Required of all prospective voice students with no prior training. Credit does not apply toward a major or minor in music. One semester hour.

**114, 115 - 414, 415 - Individual Instruction** — For voice majors or minors. One hour lesson per week. Two semester hours each semester.

**155 - Individual Instruction** — For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.

### Organ

**118, 119 - 418, 419 - Individual Instruction** — For organ majors and minors, with a concentration on music for church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.

**160 - Individual Instruction** — For non-music majors and minors. One half-hour lesson per week. May be repeated. One semester hour.

### 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. Placement in an ensemble is determined by an audition.

- 131, 132 - 431, 432 - Chorale** — Mixed chorus. Representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four or five rehearsals per week. One-half semester hour for non-music majors and minors. No credit for music majors and minors.
- 145, 146 - 435, 436 - Chamber Singers** — A small mixed chorus of selected singers to study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One-half semester hour for non-music majors and minors. No credit for music major and minors.
- 133, 134 - 433, 434 - Milligan Concert Choir** — Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One-half semester hour for non-music majors and minors. No credit for music majors and minors.
- 106 - 107 - Band** — Instrumental ensemble that performs at school functions. One semester hour each semester.

## 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 prerequisite to any subsequent semester in the sequence of that language. Admission of freshmen and transfer students with previous study in a language to advanced standing in that language in Milligan College will be determined by the score achieved on a placement test. However, no credit for the 111 - 112 course in a language will be given students having two high school units in that language.

### Chinese

- 111 - 112 - Elementary Chinese** — Introduction to modern Chinese (Mandarin) with emphasis on syntactic patterns in speech and constant audi-oral drill. The course gives instruction in reading and writing modern Chinese, including the learning of a minimum of three hundred characters. Three semester hours each semester.
- 211 - 212 - Intermediate Chinese** — A continuation of training in modern Chinese (Mandarin) with emphasis on reading and writing simple literature, including the learning of an additional minimum of five hundred characters. Three semester hours each semester.

### French

- 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.
- 301 - 302 - Advanced French** — Advanced composition and conversation. Classes are conducted in French and designed especially for prospective teachers. Prerequisite: French 211 - 212. Three semester hours each semester.



- 311 - 312 - Survey of French Literature** — A study of the literature of France from the beginning to the present day, including lectures in English and collateral reading from the most prominent authors. Prerequisite: French 211 - 212. Three semester hours each semester.

### German

- 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, and written composition with a thorough review of pronunciation and grammar, followed by a survey of German literature from the Minnesaenger to the Twentieth Century. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301 - 302 - Advanced German** — Extensive practice in conversation and composition or a study of readings in a selected field, according to the interests of the students. Prerequisite: German 211 - 212. Three semester hours each semester.

### Greek, Hebrew

- 111 - 112 - Elementary Greek** — A study of the elements of Koiné 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 - Greek Readings** — Rapid reading in Koiné Greek including selections from Matthew, the Pastorals, Septuagint, papyri, Josephus, and Ignatius of Antioch. Three semester hours each semester.
- 231 - 232 - Greek Readings** — Rapid reading in Koiné Greek including selections from Mark, I Corinthians, Septuagint, papyri, Philo, and I Clement. Three semester hours each semester.
- 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.



- 301 - 302 - Advanced Spanish** — Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours each semester.
- 311 - Survey of Spanish Literature** — Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.
- 312 - Survey of Spanish-American Literature** — Reading of selections from the outstanding authors of several Spanish-American countries and some conversation and composition. Three 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, 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 majoring in philosophy will complete twenty-four semester hours which must include Philosophy 151, 201, 301 - 302, 401.

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 major or minor.

- 101 - 102 - Introduction to Philosophy** — An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached topically through the views of representative thinkers. Three semester hours each semester.
- 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.
- 201 - 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.
- 301 - History of Philosophy (Ancient)** — 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.
- 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 Philosophy 101 and 102 or Philosophy 301 and 302. Three semester hours each semester.
- 375 - Philosophy in Literature** — A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390 - Mathematical Logic** — The sentential calculus, axiomatic discussion of Boolean algebras, 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.

## Speech and Theatre Arts

The Speech curriculum is designed as an interdisciplinary offering for students planning to enter Graduate School in Speech Communication or Theatre Arts as well as for those who choose a career in business professions, public relations, education, professional, political, or other public service. It also contributes to an overall understanding of mass communication, both historical and contemporary.

By special arrangement, students desiring auxiliary courses in the more specialized areas of Radio and T.V., Speech Therapy, Speech Pathology, Audiology, or other Speech disorders may enroll in such courses at nearby institutions.

The major in Speech and Theatre consists of thirty hours (6 hours in Humanities plus 24 hours in Speech and Theatre). Required courses include Speech 121 or 211, 301, 340, 341, and 401. The remaining hours are elective, six of which must be at the junior or senior level. Six hours of junior or senior level English courses may be applied to the Speech and Theatre major.

Students minoring in Speech will complete eighteen semester hours. The minor consists of Speech 121 or 211, 340, 341, 401, and six hours of electives.

## 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.

**211 - Public Speaking** — A study of the theory and practice of public speaking giving training in gathering, evaluating, and organizing evidence. Study involves the components of effective delivery and use of the voice, body, and language, and includes speaking before the class and critical analysis of contemporary public speakers. Three semester hours.

**275 - Homiletics** — (See Christian Ministries 275)

**301 - Business and Professional Speech** — A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.

**346 - Persuasion in Speech** — Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.

**360 - Psychology of Mass Communication** — A study of the psychophysical characteristics of the transference of information, including a phonetic approach to words, sets, and thoughts. An analysis is made of the psychological factors in persuasive communication, both verbal and non-verbal. Three semester hours.

- 401 - Discussion, Argumentation, and Debate** — Emphasis upon the development of logical analysis, evaluation of evidence and argument, psychology of argument and legislative and legal procedures. The course includes an analysis of selected debates and practice in intercollegiate debate. Three semester hours.
- 490 - Seminar in Rhetoric and Public Address** — A seminar for senior students designed to develop the ability to do independent research and writing. Students will have an opportunity to employ rhetorical critical analysis. Three semester hours.

### Theatre Arts

- 311 - Oral Interpretation** — An intensive study of critical techniques necessary to the understanding of the objectives of oral interpretation. Listening and reading practice of the prose narrative, prose drama, poetic drama, interpretation of the written page are included. Three semester hours.
- 340 - Directing** — Emphasis in study on 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. Especially recommended for students supervising plays in the public schools. Three semester hours.
- 341 - Acting** — Experience in the theory of effective acting techniques: Methods of acting, stage movement, stage business procedures. Laboratory experience includes being in a play. Three semester hours.

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## AREA OF PROFESSIONAL LEARNING

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The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, 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.

### Business and Economics

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: 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.

A student seeking the Bachelor of Science degree with a major in business

administration and economics must complete thirty semester hours including: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business and/or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A GPA of 2.25 is required in the major.

A student minoring in business administration and economics must complete eighteen semester hours including: Business Administration 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 or Arts degree with a major in business administration by substituting six semester hours of a foreign language for six hours of electives.

## **Business Administration**

- 211 - 212 - Introductory Accounting** — 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: Business Administration 211 - 212. Three semester hours each semester.
- 303 - Principles of Insurance** — A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. 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. Three semester hours.
- 311 - Cost Accounting** — A study of the methods of accounting for material, labor, and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 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: Business Administration 211 - 212. 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.
- 361 - Principles of Management** — A study of the basic principles of management. Also considered are decision-making and the fundamental functions 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** — 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. 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. Three semester hours.
- 401 - 402 - 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.
- 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, the state taxes, and social security taxes. Prerequisite: Business Administration 211 - 212. Three semester hours each semester.

## 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.
- 301 - Corporation 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. Three semester hours.
- 302 - Financial Management** — Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
- 311 - History of Economic Thought** — A review of principle 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.
- 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 monetary systems and theory along with a survey of the commercial banking systems 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.

- 404 - Business Cycles** — A study of rhythmic increases and decreases in production with emphasis on the basic characteristics and casual factors. Part of the survey is given to a consideration of the most popular cycle theories and the role they play in current cycle forecasting. Some attention is also given to government fiscal and monetary policies as effective tools in reducing the severity of the cycle. Prerequisite: Economics 201 - 202. Offered alternate years. Three semester hours.
- 451 - Comparative Economic Systems** — A comparative and analytical study of capitalism, socialism, communism, and facism as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201 - 202. Three semester hours.

### Secretarial Science

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. This curriculum includes: Secretarial Science 131 - 132, 133 - 134, 241 - 242, 243 - 244, 351 - 352, 471 - 472; Bible 123 - 124; Economics 201 -202; Psychology 151; two hours of Physical Education activity courses; and twenty hours of elective courses. Students with two years of high school typing need not take 131 - 132.

A student who wishes to certify for the teaching of business education should complete Business Administration 211 - 212; Economics 201 - 202; Secretarial Science 131 - 132, 133 - 134, 241 - 242, 243 - 244, 351 - 352, 471 - 472; and Mathematics 108.

- 131 - 132 - Beginning Typing** — Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.
- 133 - 134 - 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.
- 241 - 242 - 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.
- 351 - 352 - 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. Two semester hours each semester.

- 471 - Office Practice** — A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary, including the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, and the general office procedures. Three semester hours.
- 472 - Secretarial Practice** — An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241 - 242 and 243 - 244. 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 well-being of the individual. Courses are provided to give training in recreation and in major and minor sports. In addition, the program provides for the preparation of teachers in health and physical education as well as coaches and recreational workers.

All men majoring in health and physical education should participate in different varsity sports over a period of four years. Women should be active in several intramural sports.

A major in health and physical education consists of Physical Education 103, 203, 204 or 205, 207, 208, 300 or 302, 301, 304, 403, 404 or 405, and 406; Health 111, 311, 411; Biology 250, 251, and either Health 211, Sociology 303, or Psychology 253.

A minor in health and physical education consists of twenty-four hours and must include Physical Education 103, 203, 204 or 205, 208, 300, 301, 403, and 404 or 405; Health 111, 311, and 411.

- 100A - 100B (C) - Restricted Physical Education** — Designed for students physically unable to take regularly scheduled activity courses. One Semester hour each semester.
- 101 (M) (W) - Fitness Education** — Freshmen orientation in physical education with emphasis on theory, training, and conditioning. Two periods per week. One semester hour.
- 102 (C) - Swimming and Team Sports** — Prescribed participation in co-educational activities. Two periods per week. One semester hour.
- 200A - 200B (C) - Restricted Physical Education** — Continuation of 100A and 100B. One semester hour each semester.
- 201 (C) - Sophomore Physical Education** — Participation in lifetime activities including tennis, badminton, table tennis, handball, and bowling. Two periods per week. One semester hour.
- 202 (C) - Sophomore Physical Education** — Continuation of 201 (C) with participation in volleyball, archery, golf, hiking, and horseshoes. Two periods per week. One semester hour.
- 103 (C) - Foundations of Physical Education** — Introduction to the professional phases of Health, Physical Education, and Recreation. Two semester hours.
- 203 (C) - Physical Education for the Elementary School** — Designed to prepare the teacher to direct games and playground activities for grades one through eight. The course includes mimetics, running games, story plays, stunts, and calisthenics. Two semester hours.
- 204 (C) - Swimming** — Designed for students who need additional coaching with various strokes and dives. Two periods per week. One semester hour.

- 205 (C) - Life Saving and Water Safety Instruction and Practice in Life Saving** — Designed for those wishing to obtain American Red Cross Life Saving Certificate. Two periods per week. One semester hour.
- 207 (M) - Conditioning for Men** — Theory and practice in conditioning exercises for men. Two periods per week. One semester hour.
- 207 (W) - Conditioning for Women** — Theory and practice in conditioning exercises for women. Two periods per week. One semester hour.
- 208 (C) - Folk Dances and Rhythmical Activities** — Rhythmical movements, elementary steps, and folk dances from various countries. Two periods per week. One semester hour.
- 300 (M) - Team Sports for Men** — Skills and techniques for teaching soccer, speedball, basketball, volleyball, and softball. Two semester hours.
- 300 (W) - Team Sports for Women** — Skills and techniques for teaching soccer, speedball, basketball, volleyball, field hockey, and softball. Two semester hours.
- 301 (C) - Individual and Dual Sports** — The teaching of sports for lifetime activity. Two semester hours.
- 302 (M) - Coaching Major Sports** — Techniques, formations, plays, and tactics of football, basketball, track, and baseball. Officiating, important rules, and rule changes are studied. Two semester hours.
- 304 (C) - Stunts and Tumbling** — Instruction and practice in tumbling activities with emphasis on planning and conducting a tumbling program. Two periods per week. One semester hour.
- 309 (C) - Applied Physical Education** — To aid the physical education major through class association with the professor in conducting required activity. Two semester hours.
- 403 (C) - Tests and Measurements in Physical Education** — Analysis of current testing programs. Skills, physical fitness, and motor fitness tests are included. Two semester hours.
- 404 (C) - Organization and Administration of Health and Physical Education** — Study of program, organization, and administration of schools. Three semester hours.
- 405 (C) - History and Principles of Health and Physical Education** — An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Three semester hours.
- 406 (C) - Adaptive Physical Education** — The organization of programs and services in physical education for the physically handicapped for all age levels. Two semester hours.
- 409 (C) - Recreational Leadership** — Emphasis on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Three semester hours.

## Health

- 111 - Personal Health** — Consideration of problems pertaining to the physical, mental, and social well-being of an individual, including a survey of health knowledge and its relationship to health habits and attitudes. Three semester hours.





- 211 - Community Health** — The function and organization of Public Health with emphasis on the work of various agencies and the individual's responsibility for community health. Three semester hours.
- 311 - Safety Education and First Aid** — American Red Cross standard course in first aid. The course helps in developing a safety attitude and in gaining knowledge and skill to administer emergency care to individuals in need. Three semester hours.
- 411 - School Health Education** — A survey of the principles of health education and health-education practices. Emphasis is placed upon methods and techniques that can be used by the teacher. Three broad areas are included: healthful school living, school-health services, and health instruction. Prerequisite: Health 111. Three semester hours.

In addition to the twelve hours offered in Health, a student may take Sociology 303 and Psychology 253 to meet the requirements for certification in Health.

## Education

The program of teacher education is designed to serve persons who wish to be certified for elementary and secondary teaching and guidance counseling. 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.

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 eight or 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 during the semester in which he is enrolled in Psychology 252. 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 2.25 on a 4.0 scale. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his adviser in his major teaching field. Final approval will be given by the committee on admissions in the education program.

A minimum of two semesters' study 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 percent 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.

Full accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level was granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

### **National Teachers Examination**

Students in the teacher program will be required to take the National Teachers 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 17 hours of credit during the student-teaching 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.

### **Teacher Education Curricula**

Required for the Elementary:

Language Arts	12 hours
Must include English 354 and a course in Speech	
Natural Science	12 hours
Humanities	14 hours
Must include Music 351 and Art 311	
Health and Physical Education	12 hours
Mathematics	6 hours
Social Science	12 hours
Professional Education	24 hours
Must include Education 407, 411A, 412, 421, and Psychology 252, 404	

In addition to the above requirements, the student must present an academic major of his choosing. It is advised that the student consult with the Director of Teacher Education for help in the selection of his academic major.

Required for the Secondary:

The person wishing to certify for the Secondary must take, in addition to the core requirements:

Physical Education 111 or Sociology 303	
Mathematics 103	
Professional Education	24 hours
Must include Education 407, 471, 472, 481 and Psychology 252, 404	

In addition an academic major and minor must be completed. If the student selects a major that is not approved by the state for certification, he should take sufficient hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music.

## Special Education

Milligan College offers a special education curriculum in the learning disabilities category. The following courses are included in this curriculum.

- Education 431 - Psychology and Education of Exceptional Children
- Education 432 - Psychology of Children with Learning Disabilities
- Education 433 - Educational Procedures for Children with Learning Disabilities
- Psychology 404 - Educational Psychology
- Education 411A - Teaching of Reading in Elementary School
- Psychology 454 - Introduction to Psychological Testing
- Education 362 - Basic Principles of Counseling
- Education 434 - Learning Disabilities Practicum

## Early Childhood

Milligan College now offers a program in early childhood education. The following courses should be added to the elementary education curriculum in order to qualify the student for certification in early childhood education.

- Education 441 - Early Childhood Education
- Education 442 - Methods and Materials for Kindergarten
- Education 443 - Early Childhood Practicum

**211 - Introduction to Reading** — Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.

**252 - Developmental Psychology** — (See Psychology 252).

**338 - Educational Sociology** — A study in the application of sociological findings to education. Three semester hours.

**362 - Basic Principles of Counseling** — Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied, and attention is given to promising counseling techniques. Three semester hours.

**401 - Education and Occupational Information** — A course to provide students' opportunity to study the nature of various careers. 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. Three semester hours each semester.

**411A - Teaching of Reading** — 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.

**421 - Directed Teaching in the Elementary School** — Teaching 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.

**431 - 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. Includes observation. Three semester hours.
- 432 - Psychology of Children with Learning Disabilities** — A survey of the literature of children with learning disabilities including dyslexia, exceptional handicaps, brain injuries, minimal brain disfunction, and developmental asfasia. Three semester hours.
- 433 - Educational Procedures for Children with Learning Disabilities** — Curriculum development for the teaching of children with learning disabilities; the course will include a discussion of the remediation in relation to basic skills such as reading, mathematics, and perceptual motor. Several approaches to the teaching of children with learning disabilities will be examined including perceptual motor, developmental visual perception, neuro-psychological, and the linguistics program. Three semester hours.
- 434 - Practicum in Learning Disabilities** — The student will be required to do this student practicum in learning disabilities classroom. Three semester hours.
- 441 - Early Childhood Education** — Philosophical and theoretical foundations of early childhood education. Child study and observation in campus kindergarten are required. Two semester hours.
- 442 - Methods and Materials for Kindergarten** — Observation and participation in kindergarten are required. Basic needs and characteristics of three -, four -, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, parent-teacher relationships will be emphasized. Two semester hours.
- 443 - Early Childhood Practicum** — A two hours a day experience, lasting for one semester, in a student teaching experience at the early childhood level. Three student hours.
- 470 - The Teaching of High School Reading** — A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.
- 471 - Materials and Methods in Specific Secondary Subject Areas** — Offered 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. Three semester hours.
- 481 - Directed Teaching in the Secondary School** — Teaching 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 may may be intensive supervised individual study of a seminar with regular meetings throughout the semester. One to six semester hours.

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## AREA OF SCIENTIFIC LEARNING

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of

natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system..

## 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.

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 nor 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 301; and Mathematics 111 and 112, or 110.

The requirements for a student who intends to major in biology and teach in elementary school are: twenty-four hours in biology which must include 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103 - 104, or 111 - 112, or 110.

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, or 110 with calculus recommended; and Physics 201 and 202.

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 courses.

- 110 - Human Biology** — A study of fundamental biological concepts of particular relevance to mankind 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 credit.
- 120 - Botany** — An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours credit.
- 140 - Zoology** — An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four hours credit.
- 210 - Genetics** — Fundamental principles of heredity with related statistics and probability. Prerequisite: Twelve hours of biology. Four semester hours.
- 220 - Advanced Botany** — Comprehensive studies of selected processes in the seed plants. 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. This course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, medical technology, 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.
- 310 - Cell Physiology** — A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 302, or concurrent registration, and at least twelve hours of biology. Four semester hours.
- 320 - Plant Physiology** — A survey of general physiological activities of plants. Prerequisite: Biology 310. Four 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: Biology 310. 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. 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. 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. The course is designed for students working toward the B.A. degree who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.
- 360 - Ecology** — Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 310. 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. Four semester hours.
- 364 - Limnology** — A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachia Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Four semester hours credit.
- 368 - Field Biology** — Any additional course(s) taken at the Mid-Appalachia Field Training and Research Center. Prerequisites: Biology 120 and 140. Three semester hours credit per course.
- 380 - Microbiology** — A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Biology 310. Four semester hours.
- 411 - Biological Techniques** — A study of the types of equipment, their function and use in the biological sciences. Prerequisites: Twenty-four hours of biology, Chemistry 301, and Physics 201 and 202 or concurrent registration. Four semester hours.



440 - **Endocrinology** — The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hour.

490 - **Undergraduate 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.

## 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 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-two hours which must include Chemistry 103 - 104, 202, 301 - 302, and 401 - 402; Mathematics through differential equations. 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.

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.

301 - 302 - **Organic Chemistry** — 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 301 - 302. 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; Physics 201 - 202. Four semester hours each semester.

404 - **Instrumental Methods of Analysis** — A study of the use and applications of instrumental methods to qualitative and quantitative analysis. Prerequisites: Chemistry 301 - 302. Four semester hours.

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 - **Undergraduate Research Problem** — Research on special problems in

chemistry under the direct supervision of a faculty member. Prerequisites: twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.

## Mathematics

The aims of mathematics are to develop logical reasoning, to create an inquiring attitude, to provide a general mathematical foundation for life's activities, to promote a desire for further investigation and study, to supply the working tools of science, and to engender a satisfaction in personal accomplishment.

A major in mathematics shall consist of thirty semester hours. A minor shall require twenty-four semester hours.

- 103 - 104 - Fundamental Concepts** — A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the preceeding system by definition. Three semester hours each semester.
- 108 - Business Mathematics** — A study of mathematical tools directly related to the field of management and finance, including a study of ratio, proportion and percent, simple and compound interest, simple and general annuities, amortization, depletion, and capitalization. For business majors and teacher certification only. Does not apply to math major or minor. Three semester hours.
- 110 - Algebra and Trigonometry** — A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequence, inverse function, and trigonometric equations. Prerequisite: Consent of the instructor. Five semester hours.
- 111 - Algebra** — 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 functions, triangles, logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
- 113 - Analytics and Calculus I** — A study of cartesian coordinates, graphs, lines, circles, functions, limits, derivatives, differentials of algebraic functions, maxima and minima, rates, and the conics. Prerequisite: Math 110 or Math 111 and Math 112. Four semester hours.
- 211 - Analytics and Calculus II** — A study of the definite integral, differentiation of transcendental functions, formal integration, properties of continuous and differential functions, parametric equations, and polar coordinates. Prerequisite: Math 113. Four semester hours.
- 212 - Analytics and Calculus III** — A study of infinite series, solid analytic geometry, vectors, partial differentiation, multiple integration, and differential equations. Prerequisite: Math 211. Four semester hours.
- 214 - Statistics** — A study of probability distributions, correlation, and hypothesis

testing. The course shall meet 3 hours per week for lecture and 2 hours for lab. Four semester hours.

- 215 - Modern Geometry** — A study of incidence geometry, distance, congruence, separation, geometric inequalities, congruence without distance, different geometries, area functions, rigid motion, coordinates, and postulation. Prerequisite: Consent of instructor. Three semester hours.
- 305 - Differential Equations** — A study of the differential equations, the meaning, types of solution, and their uses. Prerequisite: Math 212. Three hours.
- 307 - Linear Algebra** — A study of matrices, vector spaces, transformations, and linear systems. Three semester hours.
- 308 - Modern Algebra** — A study of algebraic structures such as rings, fields, groups, and integral domains. Three semester hours.
- 310 - Topology** — A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Three semester hours.
- 390 - Mathematical Logic** — (See Philosophy 390).
- 408 - Numerical Analysis** — A study which enables one to write mathematical processes such as integrations and differentiation with arithmetic operations. Prerequisite: Math 212. Three semester hours.
- 411 - Introduction to Analysis I** — Convergence, limits, continuity, differentiability, the Riemann integral. Prerequisite: Math 212. Three semester hours.
- 412 - Introduction to Analysis II** — Sequences, series, functions, functions of several variables, measure, outer measure, generalized integration. Prerequisite: Math 411. Three semester hours.
- 415A, B, C - Independent Work in Mathematics** — Individual work offered on demand. Prerequisite: Major with 3.0 grade point average in math. Three semester hours.
- 421 - 422 - Senior Seminar in Mathematics** — A two semester sequence required for a major in mathematics. This seminar introduces the senior to the literature in mathematics and gives him an opportunity to begin research. Two hours a week. One semester hour each semester.
- 450 - Senior Thesis** — Thesis required for graduation in the honors program. Credit is three or six hours depending on the nature of the thesis. This is determined by the mathematics faculty.

**The Junior-Senior Honors Program in Mathematics** — A sophomore mathematics major who has a minimum of a 3.0 grade point ratio may apply for admission to the honors program in mathematics. If he is accepted in the program, he must take two semesters of independent work his junior year. Successful completion of these two courses admits the student to the senior honors program.

His senior year includes the writing of a senior thesis and a two-day comprehensive examination. Candidates who successfully complete the honors work may graduate with honors in mathematics.

## Physics

- 103 - Physical Science** — A study of a few concepts in physics and chemistry. Noncredit toward a major or minor in science. Four semester hours.

- 201 - 202 - General Physics** — The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.
- 301 - Thermodynamics** — A study of properties of fluids, work, and heat. Consideration is given to the First and Second Laws of Thermodynamics, open and closed systems, thermodynamic processes, Entropy, availability and inevitabilities of mixtures of gas, power, and refrigeration cycles. Four semester hours.
- 302 - Fluid Mechanics** — A study of fluid properties, fluid statistics, fluid dynamics, boundary layer, dimensional analysis, dynamic drag and life, flow measurements. Four semester hours.

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## AREA OF SOCIAL LEARNING

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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 solution in terms of Christian ethics.

### Economics

For courses in Economics see the Area of Professional Learning, Economics:

Economics 201 - 202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 311	History of Economics Thought
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 404	Business Cycles
Economics 451	Comparative Economic Systems

### Geography

- 103 - World Geography** — A survey of the principal geographic regions and countries of the world, including political, ethnic, religious, and geologic aspects. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.
- 104 - Economic Geography** — A detailed study of man's efforts to make adaptation to his physical environment, including distribution of resources and their utilization throughout the world and the politico-economic problems created by the presence or absence of such resources. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.
- 362 - Geography of Latin America** — A study of Latin America, emphasizing the general physical environment of each of the individual nations. In the treatment of each country a study is made of its social, economic, and cultural aspects. Three semester hours.
- 363 - Geography of North America** — A study of the social and economic characteristics of the United States and Canada. An attempt is made to relate the growth of these aspects to the environmental factors of the



country. Three semester hours.

## Government

- 303 - American Government** — A study of the principles, structure, and functioning of the national, state, and local governments in the United States with emphasis upon current problems and their background. 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.
- 401 - Comparative Government** — An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
- 402 - Political Theory** — A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. 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.
- 450 - 451 - Seminar in Pre-Law Studies** — A survey of the various phases of American law with emphasis on the essential feature of each phase and the proper interpretation of its related legal terms. Three semester hours each semester.

## 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.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

History 309 - 310 is required for both the major and the minor.

- 223 - History of Greece** — An in-depth study of the Greek world from its foundations, through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.
- 224 - 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. Two semester hours.

- 301 - 302 - Far Eastern Civilization** — A study of the history and life of the peoples in Eastern Asia, the Chinese, the Japanese, and the Koreans, by analyzing their political, economic, and social institutions and evaluating their intellectual and aesthetic traditions. Three semester hours each semester.
- 303 - 304 - Introduction to African Studies** — An overview of African cultures and civilizations from earliest time to the present. Three semester hours each semester.
- 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. The beginnings of nationalism are noted, and attention is given to the types of economic, scientific, and political activity that provide the background for Western culture today. Three semester hours.
- 308 - Contemporary History** — A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. Three semester hours.
- 309 - 310 - American History** — A study of the history of the United States from the Colonial Period to the World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and to the social and economic life of the people of the United States. Offered annually. Three semester hours each semester.
- 311 - History of Economic Thought** — (See Economics 311)
- 313 - Problems of Contemporary Civilization** — An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.
- 317 - 318 - History of American Diplomacy** — A study of the entire period of American history from the American Revolution to the present time in reference to its foreign policy. Careful consideration is given to the relations of the United States with Europe, Latin America, and the Orient. Emphasis is placed upon recent developments. Prerequisite: History 309, 310. Offered in alternate years. 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.
- 331 - 332 - History of England** — The story of England from the earliest times to the present, emphasizing the English constitutional development, 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 Reformation. Consideration is given to the causes, principles, and history of Protestantism. 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 - 372 - Latin American History** — A consideration of Spanish and Portuguese exploration, conquest, and colonization of America, the period of revolution and independence, Latin America in the nineteenth and twentieth centuries with special emphasis upon the history of the recent relations of Latin America to the United States and the world. Prerequisite: History 309 - 310. Offered alternate years. Two semester hours each semester.
- 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.
- 403 - 404 - Historiography** — An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
- 405 - 406 - Cultural History of China** — A study of the continuity of the culture of the Chinese with emphasis on Chinese philosophy from pre-Confucian times to the present; the characteristic institutions of China, political, economic, social, and religious; and some highlights of Chinese art and literature, which represent the timeless elements in Chinese culture. Three semester hours each semester.
- 411 - Civil War and Reconstruction** — An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.
- 412 - Recent American History** — A study of the political, economic, diplomatic and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
- 421 - History of the Ancient Near East** — 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.
- 423 - Early and Medieval Islamic History** — An analysis of Islam's origins within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. 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. Three semester hours each semester.

**441 - 442 - Seminar Studies in History** — Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.

**445 - Historical Research** — Study of the theory and exercise in the practice of original historical research. Open only to students having minimum academic average of B. 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. Open to students having minimum academic average of B. Three semester hours.

## Human Relations

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. The major enables students to develop specialty programs in psychology, sociology, social agency administration, or youth agency leadership. For the B.S. degree 36 hours are required; for the B.A. degree 24 hours with a foreign language. A major in human relations requires a program of 12 hours of core courses which are Psychology 151, 350 and Sociology 201, 303. A minor in human relations is 18 hours including 12 hours of core courses.

### SUB-AREA OF HUMAN RELATIONS

#### Core Courses

Psych. 151 (3 hours)	Soc. 201 (3 hours)
Psych. 350 (3 hours)	Soc. 303 (3 hours)

Track One: PSYCHOLOGY	Track Two; SOCIOLOGY AND ANTHROPOLOGY	Track Three: INSTITUTIONS	Track Four: YOUTH LEADERSHIP
Math 214 Psy. 201 Psy. 252 Psy. 259 Psy. 352 Psy. 353 Psy. 358 Psy. 360 Psy. 404 Soc. 426 Psy. 452 Psy. 454 Psy. 456 Psy. 457 Psy. 490 Psy. 491	Math 214 Soc. 210 Soc. 301 Soc. 311 Soc. 314 Soc. 375 Soc. 401 Soc. 403 Soc. 413 Soc. 414 Soc. 421 Soc. 426 Soc. 490 Soc. 491	Econ. 201 - 202 B.A. 211 - 212 Psy. 252 Soc. 311 Psy. 352 Psy. 353 Psy. 358 B.A. 361 Psy. 413 Soc. 426 Soc. 491	Soc. 314 H. & P.E. 409 Soc. 426 Soc. 452 Soc. 491  See the Sub-Area Chairman for Adviser Assign- ment

## Psychology

The required courses for the track 1 (psychology) major are as follows: Psych. 201, Math. 214, Psych. 259, and Psych. 358 beyond those prescribed in the human relations core. Those certifying to teach may substitute up to 8 hours of courses in education for courses in psychology. The above course requirements must be met by all psychology students except for certifying teachers who may present Psych. 454 for Psych. 259.

- 151 - Introduction to Psychology** — A brief survey of the field of psychology and the scientific method in this field, prerequisite to all other courses. Three semester hours.
- 252 - Developmental Psychology** — Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. This 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 the Psychology Area. In Education: Four semester hours. In Psychology: Three semester hours.
- 259 - Experimental Psychology** — Basic study of experimental methods and design with emphasis on laboratory and research applications: divided between lecture and laboratory sessions. 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 - Psychology of Personal Adjustment** — A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. 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.
- 360 - Psychology of Mass Communications** — (See Speech 360)
- 401 - Advanced General Psychology** — 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** — Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. This course does not apply toward Psychology Major or Minor, except for those certifying to teach. Three semester hours.
- 452 - Pastoral Counseling** — An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.
- 454 - Introduction to Psychological Testing** — 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 its communications with



other disciplines. One to three semester hours.

- 458 - Humanistic Psychology** — A course in the concepts of Man, Mind, and Basic Human Nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. 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 work, as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.

## Sociology

In addition to the human relations core courses, the track 2 (sociology) major must take Math. 214, Soc. 301, and Soc. 401.

- 201 - Introduction to Sociology** — 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.
- 301 - Sociological Theory** — A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and Le Play. Special attention will be given to the contemporary developments in sociological theory. (Prerequisite: consent of the instructor). This course is required of all majors in sociology. 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** — The nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention and treatment and corrections, Prerequisite: Sociology 201. Three semester hours.
- 314 - Race and Ethnic Relations** — 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 social studies. Three semester hours.
- 375 - Dynamics of Culture Change** — 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.
- 401 - Sociological Research** — An introduction to the methods of data collecting and analysis; the interpretation of social data. This course is 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 psysiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
- 414 - Seminar in Kinship and Family** — Anthropological analysis of the family, including origins, structures, roles, and goals in the family around the world. Prerequisite: Sociology 201 and 303. 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.
- 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.

# Current Statistics



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## CURRENT STATISTICS

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### 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 La Rue 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 William Paul Fife, Jr., Memorial Fund  
The Mary Harvey Taber Memorial Fund  
The William Robert Feathers Memorial Fund  
The Lee Ann McCormick Memorial Fund  
The Walter White Hannah Memorial 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 Willey 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 A. F. Cochran Memorial Fund

The Purpose of Man Award Fund  
 The Pauline Hawkins Williams Memorial 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

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan, Tennessee 37682.

### **Living Link Relationship**

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the school 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 49th Street Christian Church, Indianapolis, Indiana - Dr.  
 C. Robert Wetzel  
 First Christian Church, Johnson City, Tennessee - Dr. Robert Lindeman  
 First Christian Church, Chicago, Illinois; THE DEAN E. WALKER CHAIR  
 OF CHURCH HISTORY - Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.

### **The P. H. Welshimer Lectures**

The P. H. Welshimer Lectures have been established by Mrs. Mildred Welshimer Phillips and Mr. 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 the late 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	Dr. W. R. Walker
1959	Dr. Ard Hoven
1960	No lecturer
1961	Dr. R. M. Bell
1962	No lecturer
1963	Dr. James H. Jauncey
1964	Dr. J. D. Murch
1965	No lecturer
1966	Marshall Leggett
1967	Dr. John Baird
1968	Dr. James G. Van Buren
1969	No lecturer
1970	No lecturer
1971	No lecturer
1972	Dr. Joseph H. Dampier





# The Milligan Community



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## THE MILLIGAN COMMUNITY

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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 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 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.

### Term Expires 1976

Harlis Bolling, Physician, Kingsport, Tennessee

James Burleson, Vice President and Trust Officer, Hamilton National Bank,  
Johnson City, Tennessee

Samuel C. Bower, Vice Chairman, Physician, Mill Hall, Pennsylvania

Henry Gruenberg, Retired, Flaming, Ill., and North Miami, Florida

Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee

Albert H. Magness, President, Standard Equipment Company, Bel Air, Maryland

Mrs. B. D. Phillips, Educator and Church Woman, Butler, Pennsylvania

W. V. Ramsey, Businessman, Mountain City, Tennessee.

### Term Expires 1975

Robert E. Banks, Secretary, Attorney, Elizabethton, Tennessee

Russell F. Blowers, Minister, East 49th Street Christian Church, Indianapolis,  
Indiana

John Davis, Executive, Delta Airlines, East Point, Georgia

Howard Hauser, President, Oaklandon Sales Company, Indianapolis, Indiana

Leslie L. Lumsden, Retired, Elizabethton, Tennessee

Wade Patrick, President, Johnson City Transit Company, Johnson City,  
Tennessee

Ralph Small, Executive Editor, Standard Publishing Company, Cincinnati, Ohio

Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee

L. Palmer Young, Minister, Gardenside Christian Church, Lexington, Kentucky

### Term Expires 1974

Robert Alexander, Minister, First Christian Church of Conoco Valley, Thousand  
Oaks, California

Theodore Cord, Minister, First Christian Church, Glendale, Arizona

Ard Hoven, Minister, First Christian Church, Columbus, Indiana

Steve Lacy, Chairman, Pure Oil Distributer, Johnson City, Tennessee

C. Howard McCorkle, Superintendent, City Schools, Johnson City, Tennessee

Jack R. Musick, Treasurer, Judge, First Judicial District of Tennessee,  
Elizabeth on, Tennessee

John L. Paty, President, Paty Lumber Company, Elizabethton, Tennessee

John U. Phelps, Minister, Clemons, North Carolina

Roy True, Public Accountant, Indianapolis, Indiana

George Walker, Insurance Executive, Canton, Ohio

Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

## Advisers

Raymond Alber, Vice President for Development, Emmanuel School of Religion, Johnson City, Tennessee

Charles Allen, Physician, Johnson City, Tennessee

John P. Atkinson, Real Estate Development, Sierra Madre, California

James Carton, Minister, First Christian Church, Nashville, Tennessee

B. J. Bass, Physician, Salem, Missouri

Jack Bliffin, Minister, Downtown Christian Church, Johnson City, Tennessee

Melvin Bryant, Minister, First Christian Church, Salem, Missouri

Wade Bunting, Director Gilford County Juvenile Detention Home, Greensboro, North Carolina

Laurel Carr, Vice President, Bell Company, Chicago, Illinois

Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois

William S. Carter, Businessman and Civic Leader, Dallas, Texas

E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio

Jordan Crouch, Senior Vice President, First National Bank of Nevada, Reno, Nevada

Glen Daugherty, Minister, First Christian Church, Greeneville, Tennessee

Luther Drury, United Trucking Service, Louisville, Kentucky

W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida

Jack Gilbert, Accountant, Allison Division, General Motors, Indianapolis, Indiana

John Greenlee, Minister, West Side Christian Church, Wichita, Kansas

Harry J. Guion, Insurance Agent, Indianapolis, Indiana

Henry Hill, Minister, Ben Davis Christian Church, Indianapolis, Indiana

W. E. Hyder, Retired, General Mills, Johnson City, Tennessee

Robert L. Kroh, Minister, First Christian Church, Erwin, Tennessee

Vernon Kullowatz, Chaplain (Colonel) United States Air Force, Alaska

James Landrum, Minister, First Christian Church, Norfolk, Nebraska

Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky

Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania

William G. McFarland, Retired, Campbell Soup Company, Chicago, Illinois

John Mills, Minister, First Christian Church, Chicago, Illinois

Thomas C. Mock, Assistant Vice President, American Fletcher National Bank, Oaklandon, Indiana

James DeForest Murch, Author and Lecturer, Cincinnati, Ohio

Homer Nicholas, Trust Investment Officer, Citizens Fidelity Bank and Trust Company, Louisville, Kentucky

William O. Norris, Minister, Christian Church, Wellsburg, West Virginia

Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana

Burton L. Page, Businessman, Angola, Indiana

Walter Puckett, Campus Minister, Indiana State University, Terre Haute, Indiana

Warren Robbins, Minister, Christian Church, Plainfield, Indiana

Lucian Robinson, Minister, Woodland Heights Christian Church, Crawfordsville, Indiana

A. E. Rumbaugh, Sr., Realtor, Dickson, Tennessee

Donald Sams, Minister, Christian Church, High Point, North Carolina  
 Edward Schrier, Realtor, Brownsburg, Indiana  
 Robert W. Shaw, Minister, First Christian Church, Miami, Florida  
 Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee  
 Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City,  
 Tennessee  
 Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia  
 Thomas L. Tatham, Attorney, Miami, Florida  
 Robert F. Thompson, President, R. F. Thompson Grain Co., Cayuga, Indiana  
 M. E. Thornton, Director, Market Development, Colgate-Palmolive Company,  
 New York, New York  
 Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania  
 Harold Zimmerman, Maintenance Engineer, Allison Division, General Motors,  
 Indianapolis, Indiana

### **Trustees Emeriti**

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 W. H. MacDonald, Retired Public Accountant, Johnson City, Tennessee  
 James L. Tarwater, Executive, Roane Hosiery Mills, Harriman, Tennessee

### **Ex-Officio Member**

W. Harold Hockley, Board Chairman, Emmanuel School of Religion, Minister  
 Westwood Cheviot Church of Christ, Cincinnati, Ohio

### **Administrative Officers**

Jess W. Johnson, B.Th., B.D., D.D., President  
 E. LeRoy Lawson, B.A., M.A., Ph.D., Vice President  
 C. Robert Wetzel, B.A., M.S., Ph.D., Academic Dean  
 B. J. Moore, B.S., Business Manager  
 Eugene H. Wigginton, B.A., Director of Development  
 Tetsunao Yamamori, B.A., B.D., Ph.D., Dean of Students

### **Administration**

JESS W. JOHNSON, President (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.  
 BUFORD DEATON, Director of Student Enlistment (1969)  
 B.S., Milligan College; East Tennessee State University.  
 PHYLLIS DAMPIER FONTAINE, Registrar and Associate Dean of Students (1963)  
 B.S., M.A., East Tennessee State University; Milligan College  
 RODNEY D. IRVIN, Director of Communications (1972)  
 B.A., Milligan College.  
 DONALD R. JEANES, Financial Aids Officer (1969)  
 B.A., Milligan College; M.Div., Emmanuel School of Religion.  
 KENNETH JOHNSTON, Director of Church Relations (1972)  
 B.Th., D.D., Northwest Christian College; Oregon College of Education;  
 Butler School of Religion.



E. LEROY LAWSON, Vice President and Associate Professor of English (1965)  
B.A., Northwest Christian College; B.A., Cascade College; M.A., Reed College;  
Ph.D. Vanderbilt University.

JOE P. MCCORMICK, Assistant to the President (1956)  
B.S., Milligan College.

B. J. MOORE, Business Manager (1965)  
B.S., East Tennessee State University.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 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 Tomas (P.I.); George Washington University;  
Western Reserve University.

GUY OAKES, Director of Alumni Affairs (1943)  
B.S., East Tennessee State University; M.S., University of Tennessee;  
L.L.D., Milligan College; University of Southern California.

DANIEL STUECHER, Associate Director of Student Enlistment (1972)  
B.A., Milligan College.

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.

C. ROBERT WETZEL, Academic Dean (1961)  
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College;  
Ph.D., University of Nebraska.

EUGENE H. WIGGINTON, Director of Development (1971)  
B.A., Cincinnati Bible Seminary.

TETSUNAO YAMAMORI, Dean of Students and Associate Professor of Sociology  
(1972). B.A., Northwest Christian College; B.D., Texas Christian College; Ph.D.,  
Duke University.

### Professors

BEAUFORD H. BRYANT, Professor of Religion (1956)  
B.A., Johnson Bible College; M.A., B.D., Phillips University; M.Th., Princeton  
Theological Seminary; Ph.D., University of Edinburgh; University of Chicago;  
Harvard University; University of Marburg; Oxford University.

PAUL A. CLARK, Chairman, Area of Professional Learning and Professor  
of Education and Director of Teacher Education (1956)  
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University  
of Kentucky.

ROBERT O. FIFE, Chairman, Area of Social Learning and Professor of  
History (1954)  
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University;  
University of Glasgow.

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

DENNIS HELSABECK, Professor of Counseling and Director of Guidance (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 of History (1942)

B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.

EUGENE P. PRICE, Professor of Business Administration (1949)

B.A., M.A., Duke University; Harvard University.

JAMES L. SHIELDS, Professor of Education (1959)

B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., California State College, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.

LONE L. SISK, Professor of Chemistry (1948)

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

HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)

B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.

WEN-YEN TSAO, Professor of East Asian Studies (1967)

L.L.B., National Central University (China); J.S.D., University of California at Berkeley; Melbourne University.

HAZEL TURBEVILLE, Professor of Secretarial Science (1950)

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

DUARD B. WALKER, Professor of Health and Physical Education (1951)

B.S. 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., Th.D., Southern Baptist 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; 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.

ANNE BRADFORD, Associate Professor of Education (1972)

B.S., M.A., East Tennessee 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.

ORVEL C. CROWDER, Associate 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.

JOHN DOWD, Associate Professor of Music (1963-67, 1969)

B.M., M.M., New England Conservatory of Music; Boston University; University of Tampa; University of West Virginia.

CHARLES W. GEE, Associate Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Associate Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati.

ROBERT B. HALL, Associate Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.D., M.A., Butler University; M.A., East Tennessee State University; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

ROY HAMPTON, Associate Professor of Mathematics (1963)

B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee; East Tennessee State University; Johns Hopkins University; University of Kansas; Columbia University; Clark College;

JUANITA JONES, Associate Professor of English (1968)

B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.

EDDIE LEACH, Chairman, Area of Scientific Learning and Associate Professor of Biology (1969)

B.A., M.A., Baylor University; Ph.D., Texas A & M University.

GUY R. MAULDIN, Associate Professor of Mathematics (1965)

B.A., M.S., Mississippi State University; University of Texas; University of Kentucky.

WILLIAM MERVIN MOORHOUSE, Associate Professor of Speech (1967)

B.Th., Minnesota Bible College; B.D., Christian Theological Seminary; Ph.D., Indiana University; Butler University; University of Minnesota.

JOHN L. MORRISON, Associate Professor of Education (1968)

B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford 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; University of Tennessee

MARGUERITE PARRIS, Associate Professor of English and Speech (1960)

B.F.A., M.Ed., University of Georgia; Georgia State College for Women; University of London.

RICHARD PHILLIPS, Associate Professor of Bible (1967)

B.A., Th.N., Lincoln Christian College; B.D., M.A., Butler University; Ph.D., Vanderbilt University; University of Tennessee.

IRA READ, Associate Professor of History (1967)

B.A., Milligan College; M.A., Ph.D., Emory University.

B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)

B.S., East Tennessee State University; M.S., University of Tennessee.

EARL STUCKENBRUCK, Associate Professor of German (1951-52, 1968)

B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.

MARY YOUNG, Associate Professor of Christian Education (1962)

B.A., Milligan College; M.R.E., Southern Baptist Theological Seminary;  
East Tennessee State University.

### Assistant Professors

HAROLD SHERWYN BACHMAN, Assistant Professor of Music and Director of  
the Concert Choir (1967)

B.A., Goshen College; M.M., Indiana University.

JAMES BALCH, Assistant Professor of Mathematics (1972)

B.A., Arkansas College; M.S., Oklahoma State University.

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.

TERRY J. DIBBLE, Assistant Professor of English (1972)

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

ALAN HOFFMAN, Assistant Professor of Bible (1972)

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

JACK L. KNOWLES, Assistant Professor English (1970)

B.A., Milligan College; Ohio State; M.A., University of Tennessee

HOWARD L. LAMON, Assistant Professor of Business Administration (1969)

B.S., Tennessee Wesleyan College; M.B.A., University of Tennessee.

ROBERT P. LINDEMAN, Assistant Professor of Psychology (1970)

B.A., Midwest Christian College; M.S., Fort Hays Kansas State College;  
Ed.D., Oklahoma State University.

RICHARD D. LURA, Assistant Professor of Chemistry (1971)

B.S., University of Wisconsin, Ph.D., Iowa State University.

CAROLYN MARTIN, Assistant Professor of French (1972)

B.A., Bridgewater College; M.A., University of Kentucky.

TRACEY R. MILLER, Assistant Professor of English (1968)

B.A., Midwest Christian College; M.A., Fort Hays Kansas State College;  
University of Oklahoma; University of Nebraska; University of Tennessee.

DAVID R. RUNNER, Assistant Professor of Music (1972)

B.Mus., Boise State College; M.Mus., University of Rochester.

DONALD RAYMOND SHAFFER, Assistant Professor of German (1963)

B.A., Albion College; M.A., University of Indiana; Cincinnati  
Bible Seminary; Michigan State University.

GARY O. WALLACE, Assistant Professor of Biology (1967-68) (1971)

B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.

PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)

B.S., Milligan College; M.S., Indiana State College; Butler University; Kent  
State University.

### Library Staff

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 1962)

B.S., Bethany College; M.A., Butler University; B.D., Christian Theological  
Seminary; M.A. in L.S., Peabody College of Teachers; University of Santo Tomas  
(P.I.); George Washington University; Western Reserve University.

MARY ANN KAPPA, Assistant Librarian and Cataloger (1971)

A.B., University of Kentucky; M.A., East Tennessee State University.

## **Alumni**

Graduates, former students, and holders of honorary degrees compose the alumni of Milligan College. The purpose of the Alumni Association is to promote a continual relation of mutual helpfulness between the alumni and the College.

### **Officers of the Alumni Association 1972-73**

President - Robert L. Kroh, Minister, First Christian Church, Erwin, Tennessee

President-Elect - Oris D. Hyder, President, First Peoples Bank, Johnson City,  
Tennessee

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**MILLIGAN COLLEGE CALENDAR**


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**Fall Semester 1973**

Dorms Open to Freshmen	August 25
Freshmen Orientation	August 26, 27
Conference for Parents of Freshmen	August 26
Faculty Conference	August 27
Freshmen and Transfer Reception	August 27
Dorms Open to Upperclassmen	August 27
Registration (Freshmen and Transfer)	August 28
Registration (Upperclassmen and Transfer)	August 29
Classes Begin	August 30
President's Convocation	August 30
Matriculation	August 31
Fall Convocation	September 4
Fall Recess	Noon, October 25/ 8 a.m. October 31
Founder's Day	November 23
Final Examinations	December 17-21

**Spring Semester 1974**

New Student Orientation	January 14
Registration	January 15-16
Classes Begin	January 17
Spring Holidays	Noon March 22/ 8 a.m. April 1
Annie Lucas Kennedy Reading Contest	April 19
Awards Dinner	May 2
Final Examinations	May 13-17

**Summer Session 1974**

First Term	June 3-July 5
Second Term	July 8-August 9
Summer Commencement	August 9









# MILLIGAN COLLEGE



## FOR MORE INFORMATION ABOUT . . .

- Admissions requirements, procedure, and applications  
WRITE: Director of Student Enlistment
- Alumni  
WRITE: Alumni Director
- Accounts, costs, etc.  
WRITE: Business Manager
- Academic matters, special programs, and requirements  
WRITE: Academic Dean
- Dormitory and apartment reservations  
WRITE: Associate Dean of Students
- Financial Aid  
WRITE: Financial Aids Director
- Gifts, estate planning, annuities  
WRITE: Director of Development
- Publications, press information, displays  
WRITE: Director of Communications
- Religious Life  
WRITE: Dean of Students
- Rules and regulations  
WRITE: Dean of Students
- Transcripts  
WRITE: Registrar

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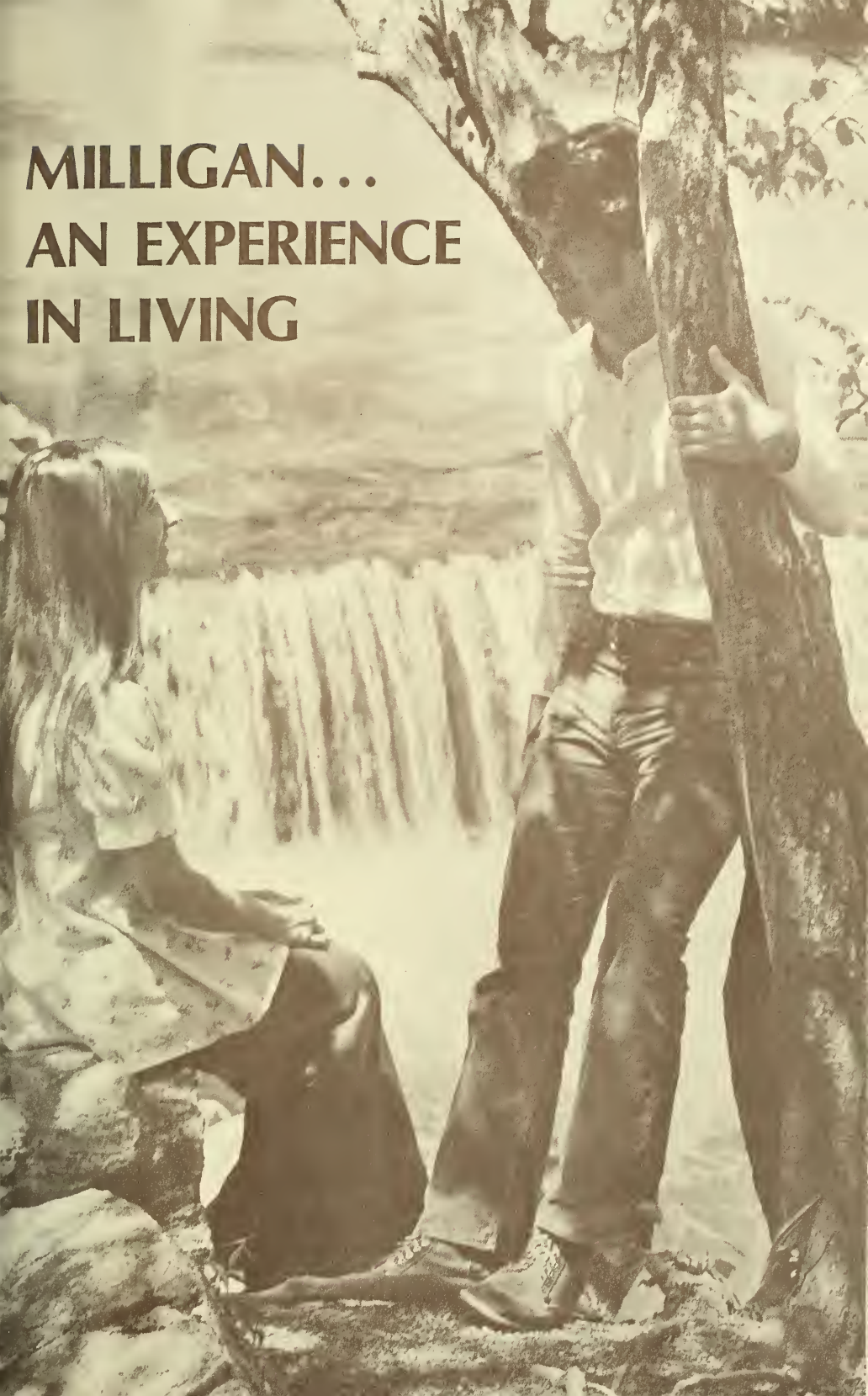
Milligan College holds full membership in the following accrediting agencies and professional organizations:

- The Southern Association of Colleges and Schools
- The National Council for the Accreditation of Teacher Education
- The Association of American Colleges
- The Tennessee College Association
- The Council for the Advancement of Small Colleges
- The Council of Protestant Colleges
- The Affiliated Independent Colleges of Tennessee
- The American Association of Colleges for Teacher Education
- The Volunteer State Athletic Conference
- The National Association of Intercollegiate Athletics
- The Tennessee Intercollegiate Athletic Conference
- The College Placement Council
- The Association for Schools, Colleges, and University Staffing
- The American College Public Relations Association

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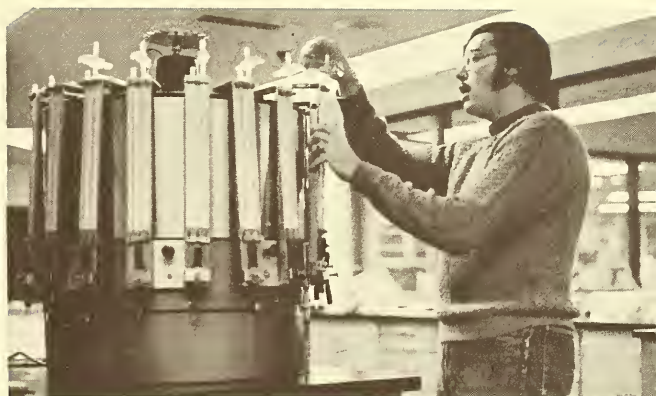


**MILLIGAN...  
AN EXPERIENCE  
IN LIVING**



THE ANNUAL  
ANALYST  
IN LEARNING

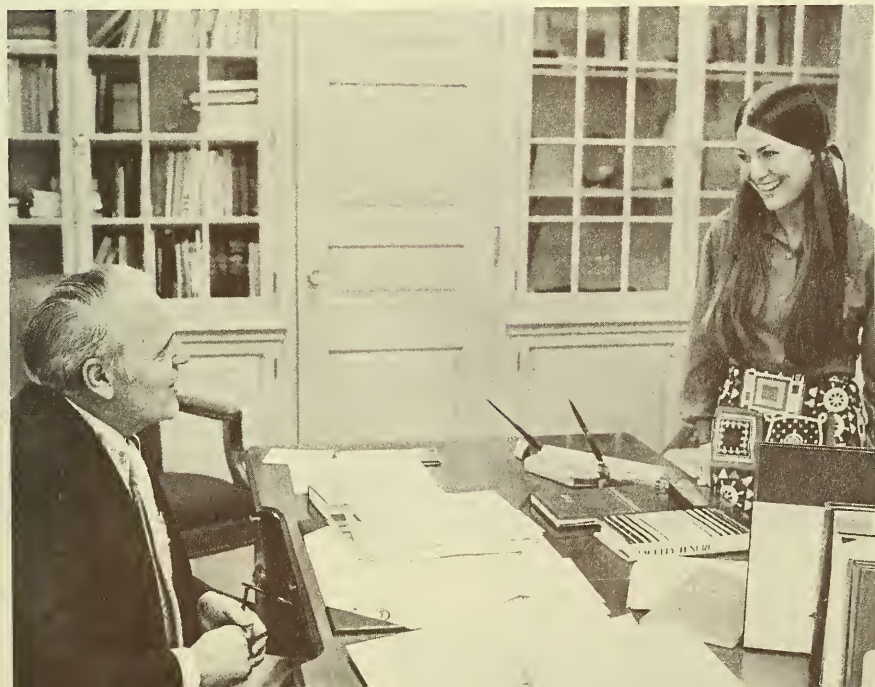






# MILLIGAN... AN EXPERIENCE IN GROWING







MILLIGAN...  
AN EXPERIENCE  
IN SHARING





# MILLIGAN... AN EXPERIENCE FOR YOU







## MILLIGAN COLLEGE CALENDAR

### Fall Semester 1974

Dorms Open to Freshmen.....	August 24
Freshmen Orientation .....	August 25, 26
Conference for Parents of Freshmen.....	August 24
Faculty Conference.....	August 26
Freshmen and Transfer Reception.....	August 26
Dorms Open to Upperclassmen .....	August 26
Registration (Freshmen and Transfer).....	August 27
Registration (Upperclassmen and Transfer).....	August 28
Classes Begin.....	August 29
Fall Convocation .....	August 29
Matriculation.....	August 30
Fall Recess.....	Noon, October 24 to 8 a.m., October 30
Founder's Day .....	November 22-24
Final Examinations.....	December 16-20

### Spring Semester 1975

New Student Orientation.....	January 13
Registration .....	January 14, 15
Classes Begin.....	January 16
Spring Holidays .....	Noon, March 28 to 8 a.m., April 7
Annie Lucas Kennedy Reading Contest .....	April 18
Awards Dinner .....	May 1
Final Examinations.....	May 12-16
Baccalaureate and Commencement .....	May 18

### Summer Session 1975

First Term .....	June 2 — July 4
Second Term .....	July 7 — August 8
Summer Commencement .....	August 8



# 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 institution 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. On September 1, 1968 the National Council for the Accreditation of Teacher Education granted accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level.

In June of 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 May of 1971 the B. D. Phillips Charitable Trust informed the College of its willingness to fund the \$1,200,000 Steve Lacy Field House.

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**

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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 including 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 of 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. 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.

## **SPECIFIC OBJECTIVES**

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Since its beginning Milligan College has sought for its students 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 That Will 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 Responsibilities 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 this 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 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**

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### **Residence**

All students not commuting from their homes are expected to live in rooms provided by the College and to board at the dining hall. Other arrangements are subject to approval by the appropriate Dean.

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 Dormitory 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 the occupants of the room.

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

### **Married Student Housing**

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric including heat and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. Most of the units are unfurnished. Contact the Registrar's Office for additional information.

### **Regulations**

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 the campus or away.

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 any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern 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.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco by men is restricted to designated places. Membership in Milligan College is not open to women who smoke.

### **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.

A parking fee of \$2.00 per semester will be charged.

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

### **Social Activities**

All social activities should first be approved by the faculty sponsor and then entered on the School Calendar in the office of the appropriate 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 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 Resident is assisted by Resident Assistants as part of the staff of the Deans 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 that the student 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 college nurse are provided on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse all illness and accidents. Parents will be notified immediately should any student require medical attention other than that provided by the nurse.

The College cannot assume financial liability for 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 insurance program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic 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. 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.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and 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 prayer room in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It sponsors an informal vesper service on Tuesday and Thursday evenings. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) Within 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. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

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

### **Representative Organizations**

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

The Student Council consists of the following elected members: the 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. This group includes appearances in high schools, churches, and church conventions in its annual tour. In 1971 the Concert Choir performed at President Richard M. Nixon's Prayer Breakfast in Washington, D. C.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries.

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

### **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, track, tennis, golf, and cross-country.

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, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Approximately 85% of the student body is engaged in competitive intramural sports.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College.

### **Lecture-Concert Series**

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

### **Publications**

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stampede**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

### **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 the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau, a National Honor Society.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

Sigma Delta Psi is an honorary fraternity. Its main interests are to promote campus social life, intramurals, and athletic activities in all sports. Some members represent an intercollegiate sport. Some members represent an interest only in body conditioning.

The Women's Recreation Association, which promotes an interest in women's intramural sports, is open to all women of the Milligan student body.

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.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and just plain social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose main project is sponsoring a choral festival for area high school students. These students also sponsor receptions after some concerts and serve as ushers for these events.

The Pre-Law Club is a professional organization which promotes the study of law,

government, and politics. During the second semester, the club makes an annual field trip to Washington, D. C. Each spring the club also sponsors an annual "Mock Senate" which is open to student participation.

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 "M" Club includes all male students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The following service clubs have organizations on the campus: the Civitan Club, the Civinette Club, the Circle K Club, and Alpha Phi Omega.

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.

The International Students' Relation Club is one of the newest clubs on campus. The purpose of this club is to promote a more complete understanding between the American students and the students from other lands. Active membership in the club and the privilege of holding office are open only to the foreign students. American students hold honorary membership.

Each year the Ski Club makes a two-day trip to the lodge of Blowing Rock. Some members of the club are experienced skiers, and others are completely new at the sport. Membership in the club is open to all Milligan students.

## **THE CAMPUS**

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Milligan College occupies a campus of more than one hundred and sixty-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 quarter-mile track, 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 E. 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.

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 this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of Academic Dean, the Dean of Students, and the Registrar.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings of more than 86,000 volumes and 529 current periodicals are arranged on open shelves. The building was first occupied in November 1961 and is open more than eighty hours per week. The building 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.

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

Pardee Hall was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. This men's residence was recently completely renovated and remodeled. 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, Office of Student Enlistment, Director of Alumni Affairs, Director of Church Relations, and Director of Communications.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of 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, 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 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 three apartments.

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 Mr. and Mrs. John M. Hart of Hartland, Virginia.

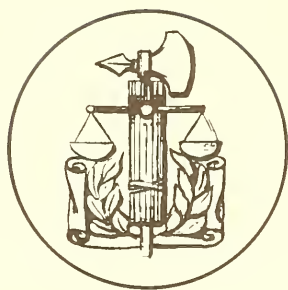
The Seeger Memorial Chapel was dedicated November 24, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concert, and drama. 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 large 300-student lecture hall, and several special-purpose rooms.

The Steve Lacy Field House was funded by a gift from the B. D. Phillips Memorial Trust making it possible for Milligan College to accept a grant from Educational Laboratories Facilities. This grant provided the services of Dr. David O. Geiger of Columbia University, the architectural engineer who constructed the famous United States Pavilion at the 1970 Osaka World's Fair. Dr. Geiger is working with Shaver and Co. and RCA to build the first air-cable structure in America on the Milligan College Campus. The building will house regulation and practice-sized basketball courts, a regulation swimming pool, an indoor track, areas for gymnastics and wrestling, and classrooms. It is designed to accommodate Milligan's philosophy of life-time sports.







# Procedures



## ADMISSION

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### 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 Student Enlistment.

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

Overall excellence of performance in high school subjects and evidence of 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 secures from the Office of Student Enlistment an application form, 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 United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examina-

tions taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score 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.

### **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 procedures outlined above. In addition they must furnish the College with transcripts of all previous college work.

### **Returning Students**

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

Students who have been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee 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**

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special students must have permission of the Academic Dean and (unless over 21 years of age) the endorsement of their parents or guardians for this status. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

### **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 make a non-refundable deposit of \$500.00.

### 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 Friday of 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 roster.

As a matriculate or member of the College, the student is entitled to the full benefits accruing to his station.

## 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. The student's expenses for one semester will be:

Tuition (for 12 to 17 hours)	\$635.00
Board	340.00
Room	220.00
Tax on Board	17.00
TOTAL	\$1,212.00

### 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 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Experimental Psychology	10.00
Secretarial Practice	10.00
Language Lab Fee	5.00
Typing	10.00
Biology 311	12.00
Music 281, 381-2	5.00
Studio Art Fee	10.00
Art 311	5.00
Music Theory	5.00
Voice Class	15.00
Sheet Music Deposit (refundable)	5.00

#### Tuition Charges in Applied Music

Area of Applied Work	Charge for one semester hour	Charge for two semester hours
Organ	\$35.00	\$55.00
Piano	35.00	55.00
Voice	35.00	55.00

\*Subject to change without notice.



**Practice Room and Instrument Rent:**

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice and Piano	15.00 (1 hr.)	25.00 (2 hrs.)

**Summer Sessions Costs**

Each five-week session of Summer Session is charged at the following rate:

Tuition per hour of credit	\$ 52.80
Registration Fee	5.00
Room	70.00
Board	106.40

**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 Deposit**

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.

CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

**Matriculation Fee**

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

**Miscellaneous Fees (per semester)**

Tuition each academic hour over 17	\$44.50
Tuition each academic hour under 12	52.80
Diploma and graduation fee	20.00
Directed teaching fee	15.00
Transcript fee—after first issue	1.00
Parking fee	2.00
Late registration fee per day	5.00
Change of course fee	5.00
Fee for materials and methods courses	5.00
Audit fee for one semester hour	26.40

**Part-time Student**

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$52.80 per semester hour.

**Payments of Accounts**

All students 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 payments.

**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 on 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 payments.

**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 School:** 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 Hardin Hall. 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 \$120.00 for the year.

### **Board**

The cost of Board is \$340.00 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 expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Students who withdraw officially from the College will be charged the rate of \$22.00 per week for the period of their stay in the College.

### **Linen Service**

By special arrangement with a local linen supply company the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$36.00 for the academic year.

Complete details and a reservation form will be mailed to all students prior to the opening of school.

### **Refunds**

Upon proper notice, a student who withdraws 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 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 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 account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving college.

## **FINANCIAL AID**

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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, he 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 Parents' Confidential Statement with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Parents' Confidential Statement can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to May 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 new federal loan replaced the National Defense Student Loan as of July 1, 1972. However, the new program still provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corp., VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

**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 and no cancellation benefits.

**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.

## **Grants and Scholarships**

**Supplemental Educational Opportunity Grant**—Grants under this program are made available to a limited number of students with exceptional financial need. Such a grant may range from \$200.00 to \$1,000.00, but in no case shall the grant exceed more than 50% of the total aid offered to an individual student. A.S.E.O.G. must be matched dollar for dollar by other sources of financial aid; i.e., scholarships, loans, and/or earnings from College part-time employment.

**Basic Educational Opportunity Grant**—Students who have a demonstrated financial need and who entered college for the first time after July 1, 1973 are awarded grants under this program. Since this is the beginning of the second year of its operation, the program would be limited to Freshmen and Sophomores only. The maximum grant is \$1400.00, 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 exceptional financial need, but who do not qualify for the Supplemental Educational Opportunity Grant. These grants are generally awarded in conjunction with a work assignment. Failure to complete the work assignment results in the cancellation of the grant.

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

## **WORK**

### **Campus Employment**

**College Work-Study Program**—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Students are paid at least minimum wage. Eligibility depends upon financial need.

**Milligan College Work Program**—This program offers similar on-campus jobs for which Milligan provides the funds. This program is designed to help students who need to supplement their income during the years. These workshops provide a \$300.00 per year scholarship for work of 10 hours a week and a \$150.00 per year scholarship for work of 5 hours per week.

### **Outside Agencies**

**Tennessee Tuition Grant**—This state-funded program provides tuition grants up to \$1000.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Agency, 246 Cordell Hull Building, Nashville, Tennessee 37219 or by consulting the high school counselor.

**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. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$1500.00 per academic year. The total amount borrowed for under-graduate work may not exceed \$7500. Repayment commences nine months after termination of student status (unless deferred for mil-

itary service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 per cent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

**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 the parents' death. 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.

**Honor Scholarships**—An honor scholarship of \$450.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$150.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarships may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

**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. McCowin 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 music scholarship of \$500.00 is awarded each year to an entering freshman who demonstrates skill in vocal or instrumental music.

**Milligan College Scholarship**—Scholarships of various amounts are given to individuals who demonstrate academic promise.

**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.



Persons interested in applying for scholarships should make application to the Chairman of the Scholarship Committee or the Director of Financial Aid.

### **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 New G. I. Bill**

Milligan College is eligible to receive veterans under the provisions 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.

Veterans, to qualify, 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 thirty-six 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 eight years after their last discharge or within eight years after June 1, 1966, if discharged prior to that time.

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

### **War Orphans**

Milligan College is also 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 diseases 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**

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### **Requirements for a Degree**

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science degree. The major difference in the two degrees is that the foreign language is required for the Arts degree.

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

The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Science, and Secretarial Science.

The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

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 151 and three additional hours

Health and Physical Education, Two hours

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

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.

Any student may graduate under the regulations prescribed in the catalogue in effect at the time of his entrance into this college, provided these requirements are met within 6 years; otherwise he will be required to meet current degree requirements. The 6-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

### **Medical and Law Students**

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**

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### **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 his engineering school. The student must complete the same program in Milligan College as is required of medical or law students.

### **Mortuary Science**

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. 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 students 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. For further information contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

### **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.

### **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: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations. (Includes Psychology and Sociology), Humanities, Mathematics, Music, Philosophy, Secretarial Science, and Speech.

In addition to this field of major concentration, the student will select one field of minor concentration.

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 grade points for each semester hour.
- B—Good—three grade points for each semester hour.
- C—Average—two grade points for each semester hour.
- D—Poor—one grade point for each semester hour.
- F—Unsatisfactory—no grade points.
- W—Withdrawn.

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

### **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 point-hour ratio earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a point-hour ratio of 4.00; Magna Cum Laude, based on a point-hour ratio of at least 3.75; and Cum Laude based on a point-hour ratio of at least 3.33.

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**

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. 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.

### **REPORTS**

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

### **CLASSIFICATION**

Progression toward the baccalaureate degree is measured by four ranks or classes, 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.

For further academic information write to the Academic Dean.







# Areas of Instruction



## AREAS OF INSTRUCTION

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Milligan College proceeds upon the assumption that all knowledge is one. The all too-popular 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 of 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 co-operation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five convenient 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 Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

## AREA OF BIBLICAL LEARNING

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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.

### BIBLE

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 and 471), the major in the Bible shall consist of Bible 201-202, 251-252 or 301-302, 341-342, 431-432, and 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives and 290-291. The Bible minor shall consist of eighteen hours to be arranged in consultation with the Area Chairman, but it shall not include Bible 471.

### Old Testament

**123. Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.

**251. History and 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 latest archaeological evidence. The uses of archaeological data for Biblical studies will be 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.

### New Testament

**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.

**313-314. Pastoral Epistles—Hebrews and General Epistles**—An exegetical examination of the Pastoral Epistles and Hebrews during the first semester and the General Epistles during the second. Offered alternate years. Three semester hours each semester.

- 411-412. Major Pauline Epistles**—An exegetical examination of Romans through Thessalonians. Offered alternate years. Three semester hours each semester.
- 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

**Field Work**—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of college it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

- 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.
- 290-291. 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 Area Chairman. One semester hour 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.
- 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).
- 491-492. Seminar in Religion**—A seminar in religion designed to promote depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

### RELIGIOUS EDUCATION

The program in Religious Education is designed to serve persons who wish to com-

bine 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 will 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.

**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.

## AREA OF HUMANE LEARNING

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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, and philosophy. At present a major or minor may be taken in the fields of English, philosophy, speech, music, and humanities. A minor can be taken in art.

### 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 as follows: 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.

**100. Remedial Humanities**—A two semester course designed for those students who need further preparation in reading and writing before being eligible to enroll in Humanities 101. Three semester hours each semester.

**101-102. Humanities**—A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year begins with the Greeks and ends with the Eighteenth Century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.

**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 and the anxiety and despair manifested in the Twentieth Century. Six semester hours each semester.

**Note:** Humanities 101-102 is a required course of study for all freshmen working toward a 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.

**200. Humanities European Study Tour**—A study tour of 12 European countries, visiting sites of historical and cultural significances. 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. Six semester hours. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102.

**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 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.

## 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 304-305, 311 (or 312 or 313), 432 (or 361), 434 or 435, and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining six hours of junior or senior level courses are elective. 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. Open to second semester freshmen and to sophomores. One or two 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. Three semester hours.
- 312. Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.
- 313. History of the English Language**—A survey of the development of the English language from its Anglo-Saxon origin to the present. 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 minoring 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. Two 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. 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. Three semester hours.
- 460-461. Renaissance Drama**—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. 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.

#### FINE ARTS

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of art. At the same time it increases both the ability for aesthetic response

and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

## ART

The minor in art is eighteen hours which shall consist of Art 420, 421, 422, and nine additional hours to be arranged with the art faculty.

**101-102. Basic Design**—The study of fundamental elements in principles of design as applied in line, value, and color through various media. Three semester hours each semester.

**201. Elementary Drawing and Painting**—Fundamentals in drawing and painting. Three semester hours.

**203. Elementary Drawing and Painting**—Fundamentals in egg tempera painting and intaglio paint making. Offered alternate years. Three semester hours.

**204. Elementary Drawing and Painting**—Fundamentals in water color and relief paint making. Offered alternate years. Three semester hours.

The courses listed above are double period studio courses. Students furnish their own supplies. Fine arts requirements of other areas are satisfied only by the following courses:

**311. Art for Elementary Teachers**—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards an art minor. Three semester hours.

**330. American Art**—A survey of American art from Colonial times to the present. Three semester hours.

**420. Art History: Prehistoric to Renaissance**—A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

**421. Art History: Seventeenth Century Through Mid Nineteenth Century**—A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

**422. Art History: Mid Nineteenth Century to Present Time**—A survey of sculpture, architecture, painting, and the minor arts. Offered alternate years. Three semester hours.

**490. Independent Study**—Independent study in an area of Art agreed upon by the student and instructor. One to three semester hours.

## MUSIC

The Music Program proposes to promote understanding and enjoyment of music in the college at large and to provide specialized training for those who plan careers in music. 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 musical proficiency.

Details of music requirements may be found in the Music Handbook, available upon request from the Sub-area of Fine Arts.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete eight semesters study and attain the graduating "applied Level X" requirements and present an acceptable senior recital. A

secondary applied area is chosen in which a proficiency must be passed. (Proficiency is tested at a faculty jury. Level IV must be attained including memorized works.) Students must be enrolled in 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 Sophomore Barrier 299 at the end of the sophomore year.

The Music Minor includes Music 143-4, 145-6, 381-2, and applied music distributed as follows: Eight hours in a primary area (attaining Level IV and passing "Proficiency 499"), a secondary proficiency area (attaining Level II), and ensemble each semester.

Auditions for senior recitals will be held at the beginning of the second semester, and recital material must be memorized at that time. The student should enroll for two semester hours credit in the first semester of the senior year, instead of the usual one hour credit.

**143-144. Theory of Music**—A partially programmed course in beginning written theory and keyboard. Three semester hours each semester.

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

**243-244. Theory of Music**—A partially programmed course in advanced concepts in music theory. Prerequisite: Music 143-144. Three semester hours each semester.

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

**343. Counterpoint**—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours.

**344. Orchestration**—A survey of the musical instruments, their use in ensembles, styles, and historical practice. Prerequisite: Music 143-144. Three semester hours.

**385-386. Form and Analysis**—A study of the more advanced forms of music. Two semester hours each semester.

### Music Literature and History

**281. Music Appreciation**—Studies in techniques, forms, and styles of music to acquaint the non-music major with the elements of musical culture. Three semester hours.

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

### Music Education

**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 School Music Teachers**—Teaching methods, and materials for kindergarten through grade six, including studies of the child's musical development. Substitutes for Education 411 for music majors. Three semester hours.

- 452. Methods and Materials for Secondary School Music Teachers**—Philosophy, curriculum, methods, and materials of teaching music on the secondary level. Substitutes for Education 472 for music majors. Three semester hours.

### Conducting

- 363. Beginning Conducting**—Conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

### Seminars

- 462. Seminar**—Seminars in specific areas of Music for advanced students in Voice Pedagogy, Piano Pedagogy, Composition, Accompanying, Hymnology, etc. Two semester hours.

### Comprehensive Evaluations

- 299. Sophomore Barrier**—Testing general accomplishment at the end of the second year of Music study. See Music Handbook for details of what is expected.
- 499. Senior Proficiency**—Testing general accomplishment in the Music Major's minor applied instrument or voice. Music Minors take Senior Proficiency in their major applied.

### Applied Music

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ). He must complete eight semesters in this area. 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 barrier.

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

### Piano

- 110, 111-410, 411. Individual Instruction**—For piano majors and minors. One hour lesson per week. Two semester hours each semester.
- 150. Individual Instruction**—For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.

### Voice

- 104. Voice Class**—Rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone. The student must be able to read notes. 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. Individual Instruction**—For voice majors or minors. One hour lesson per week. Two semester hours each semester.
- 155. Individual Instruction**—For non-music majors or minors. One half-hour lesson per week. May be repeated. One semester hour.



## Organ

- 118, 119-418, 419. Individual Instruction**—For organ majors and minors, with a concentration on music for church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
- 160. Individual Instruction**—For non-music majors and minors. One half-hour lesson per week. May be repeated. One semester hour.

## 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. Placement in an ensemble is determined by an audition.

- 131, 132-431, 432. Chorale**—Mixed chorus studying representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four or five rehearsals per week. One-half semester hour for non-music majors and minors. No credit for music majors and minors.
- 145, 146-435, 436. Chamber Singers**—A small mixed chorus of selected singers to study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One-half semester hour for non-music majors and minors. No credit for music major and minors.
- 133, 134-433, 434. Milligan Concert Choir**—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One-half semester hour for non-music majors and minors. No credit for music majors and minors.
- 106-107. Band**—Instrumental ensemble that performs at school functions. One semester hour each semester.

## 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 prerequisite to any subsequent semester in the sequence of that language. Admission of freshmen and transfer students with previous study in a language to advanced standing in that language in Milligan College will be determined by the score achieved on a placement test. However, no credit for the 111-112 course in a language will be given students having two high school units in that language.

## CHINESE

- 111-112. Elementary Chinese**—Introduction to modern Chinese (Mandarin) with emphasis on syntactic patterns in speech and constant audi-oral drill. The course gives instruction in reading and writing modern Chinese, including the learning of a minimum of three hundred characters. Three semester hours each semester.
- 211-212. Intermediate Chinese**—A continuation of training in modern Chinese (Mandarin) with emphasis on reading and writing simple literature, including the learning of an additional minimum of five hundred characters. Three semester hours each semester.

## FRENCH

**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.

**301-302. Advanced French**—Advanced composition and conversation. Classes are conducted in French and designed especially for prospective teachers. Prerequisite: French 211-212. Three semester hours each semester.

**311-312. Survey of French Literature**—A study of the literature of France from the beginning to the present day, including lectures in English and collateral reading from the most prominent authors. Prerequisite: French 211-212. Three semester hours each semester.

## GERMAN

**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, and written composition with a thorough review of pronunciation and grammar, followed by a survey of German literature from the Minnesaenger to the Twentieth Century. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

**301-302. Advanced German**—Extensive practice in conversation and composition or a study of readings in a selected field, according to the interests of the students. Prerequisite: German 211-212. Three semester hours each semester.

## GREEK, HEBREW

**111-112. Elementary Greek**—A study of the elements of Koiné 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. Greek Readings**—Rapid reading in Koiné Greek including selections from Matthew, the Pastorals, Septuagint, papyri, Josephus, and Ignatius of Antioch. Three semester hours each semester.

**231-232. Greek Readings**—Rapid reading in Koiné Greek including selections from Mark, I Corinthians, Septuagint, papyri, Philo, and I Clement. Three semester hours each semester.

**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.
- 301-302. Advanced Spanish**—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours each semester.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries and some conversation and composition. Three 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, 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 majoring in philosophy will complete twenty-four semester hours which must include Philosophy 151, 201, 301-302, 401.

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 major or minor.

- 101-102. Introduction to Philosophy**—An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached topically through the views of representative thinkers. Three semester hours each semester.
- 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.
- 201. 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.
- 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.

- 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 Philosophy 101 and 102 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**—The sentential calculus, axiomatic discussion of Boolean algebras, 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.

## **SPEECH AND THEATRE ARTS**

The Speech curriculum is designed as an interdisciplinary offering for students planning to enter Graduate School in Speech Communication or Theatre Arts as well as for those who choose a career in business professions, public relations, education, professional, political, or public service. It also contributes to an overall understanding of mass communication, both historical and contemporary.

By special arrangement, students desiring auxiliary courses in the more specialized areas of Radio and T.V., Speech Therapy, Speech Pathology, Audiology, or other Speech disorders may enroll in such courses at nearby institutions.

The major in Speech and Theatre consists of thirty hours (6 hours in Humanities plus 24 hours in Speech and Theatre). Required courses include Speech 121 or 211, 301, 340, 341, and 401. The remaining hours are elective, six of which must be at the junior or senior level. Six hours of junior or senior level English courses may be applied to the Speech and Theatre major.

Students minoring in Speech will complete eighteen semester hours. The minor consists of Speech 121 or 211, 340, 341, 401, and six hours of electives.

## **SPEECH COMMUNICATION**

### **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.
- 211. Public Speaking**—A study of the theory and practice of public speaking giving training in gathering, evaluating, and organizing evidence. Study involves the components of effective delivery and use of the voice, body, and language, and includes speaking before the class and critical analysis of contemporary public speakers. Three semester hours.
- 275. Homiletics**—(See Christian Ministries 275)
- 301. Business and Professional Speech**—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.

- 346. Persuasion in Speech**—Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.
- 360. Psychology of Mass Communication**—A study of the psychophysical characteristics of the transference of information, including a phonetic approach to words, sets, and thoughts. An analysis is made of the psychological factors in persuasive communication, both verbal and nonverbal. Three semester hours.
- 401. Discussion, Argumentation, and Debate**—Emphasis upon the development of logical analysis, evaluation of evidence and argument, psychology of argument, and procedures of legislative and legal process. The course includes an analysis of selected debates and practice in intercollegiate debate. Three semester hours.
- 490. Seminar in Rhetoric and Public Address**—A seminar for senior students designed to develop the ability to do independent research and writing. Students will have an opportunity to employ rhetorical critical analysis. Three semester hours.

### Theatre Arts

- 311. Oral Interpretation**—An intensive study of critical techniques necessary to the understanding of the objectives of oral interpretation. Listening and reading practice of the prose narrative, prose drama, poetic drama, interpretation of the written page are included. Three semester hours.
- 340. Directing**—Emphasis in study on 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**—Experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes being in a play. Three semester hours.

## AREA OF PROFESSIONAL LEARNING

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The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, 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.

### BUSINESS AND ECONOMICS

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: 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.

A student seeking the Bachelor of Science degree with a major in business administration and economics must complete thirty semester hours including: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business and/or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A grade point of 2.25 is required in the major.

A student minoring in business administration and economics must complete eighteen semester hours including: Business Administration 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 by substituting six semester hours of a foreign language for six hours of electives.

## **BUSINESS ADMINISTRATION**

**211-212. Introductory Accounting**—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: Business Administration 211-212. Three semester hours each semester.

**303. Principles of Insurance**—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. 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.

**311. Cost Accounting**—A study of the methods of accounting for material, labor, and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 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: Business Administration 211-212. 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.

- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental functions 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**—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. 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. Three semester hours.
- 401-402. 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.

- 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, the state taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.

## 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.
- 301. Corporation 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. Three semester hours.
- 302. Financial Management**—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
- 311. History of Economic Thought**—A review of principle 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.
- 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 monetary systems and theory along with a survey of the commercial banking systems of the United States. Banking prin-

ciples 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, communism, and facism as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

**490. Problems in Business Administration**—Supervised independent reading, research or field work in the areas of management, finance, marketing, accounting, or banking. Studies of special problems with written reports are required. Prerequisite: Approval of the instructor. One to three semester hours.

## **SECRETARIAL SCIENCE**

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. This curriculum includes: Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; Bible 123-124; Economics 201-202; Psychology 151; two hours of Physical Education activity courses; and twenty hours of elective courses. Students with two years of high school typing need not take 131-132.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; and Mathematics 108.

**131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.

**133-134. 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.

**241-242. 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.

**351-352. 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. Two semester hours each semester.

**471. Office Practice**—A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary, including

the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, and the general office procedures. Three semester hours.

- 472. Secretarial Practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. 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 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 33 semester hours including the following courses: 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.

The above major with other education requirements 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 and include the following courses: 203, 204 or 205 or 206, 208, 209, 301, 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 the following courses: 111, 211, 311, 411, Sociology 303, and Psychology 353.

- 111. Personal Health**—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.

- 151M. Men's Team Sports**—Active participation in such sports as basketball, volleyball, soccer, touch football, and team handball. One semester hour.

- 151W. Women's Team Sports**—Active participation in such sports as field hockey, soccer, speedball, basketball, and volleyball. One semester hour.

- 153. Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.

- 154. Beginning Swimming**—Designed for non-swimmers. American Red Cross certification available for beginning swimming, advanced beginning swimming, and basic survival swimming. One semester hour.

- 155. Beginning Badminton and Tennis**—Basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.



- 156. Intermediate Badminton and Tennis**—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 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.
- 160. Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.
- 161. Archery**—Knowledge and skill development in target archery. One semester hour.
- 203. Physical Education for Elementary Schools**—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**—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 Life Saving**—Designed primarily for those interested in pool and beach life-guarding. American Red Cross certification available for swimmer, advanced swimmer, and life saving. 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 (Men and Women)**—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**—Basic skills and knowledge in movement education. The student selects emphasis on elementary or secondary educational level. Two semester hours.
- 211. Community Health**—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.
- 300M. Teaching Team Sports for Men**—Skills and techniques in teaching the common school team sports, including basketball, volleyball, soccer, and touch football. Two semester hours.
- 300W. Teaching Team Sports for Women**—Skills and techniques in teaching the common school team sports for girls, including field hockey, speedball, volleyball, and basketball. Two semester hours.



- 301. Teaching Individual and Dual Sports**—Emphasis on teaching lifetime sports, including knowledge, skills, and appreciations. Two semester hours.
- 302M. Coaching and Officiating Team Sports for Men**—Designed especially for the prospective coach and/or game official in football, basketball, baseball, and track and field. Three semester hours.
- 302W. Coaching and Officiating Team Sports for Women**—Coaching materials, methods, techniques in volleyball, basketball, softball, field hockey, and lacrosse. National Association of Girls' and Women's Sports officials ratings given in volleyball and basketball. Three semester hours.
- 309. Applied Physical Education (or Health)**—Available in a specific area 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**—Designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.
- 312. Introduction, History and Philosophy of Physical Education**—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**—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**—Study of school problems, including curriculum development, program organization and supervision; and intramural and inter-school athletics. Three semester hours.
- 406. Adaptive Physical Education**—The 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.

## EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for elementary and secondary teaching and guidance counseling. 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.

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 pro-

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 during the semester in which he is enrolled in Psychology 252. 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 2.25. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his adviser in his major teaching field. Final approval will be given by the committee on admissions in the education program.

A minimum of two semesters' study 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 percent 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.

Full accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level was granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

### National Teachers Examination

Students in the teacher program will be required to take the National Teachers 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 17 hours of credit during the student-teaching 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.

### Teacher Education Curricula

Required for the Elementary:

Language Arts	12 hours
Must include English 354 and a course in Speech	
Natural Science	12 hours
Humanities	14 hours
Must include Music 351 and Art 311	
Health and Physical Education	12 hours

## 60—area of professional learning

Mathematics	6 hours
Social Science	12 hours
Professional Education	24 hours
Must include Education 407, 411A, 412, 421, and Psychology 252, 404	

In addition to the above requirements, the student must present an academic major of his choosing. It is advised that the student consult with the Director of Teacher Education for help in the selection of his academic major.

Required for the Secondary:

The person wishing to certify for the Secondary must take, in addition to the core requirements:

Physical Education 111 or Sociology 303 and one hour of activity	
Mathematics 103	
Professional Education	24 hours
Must include Education 407, 471, 472, 481 and Psychology 252, 404	

In addition an academic major and minor must be completed. If the student selects a major that is not approved by the state for certification, he should take sufficient hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music.

### Special Education

Milligan College offers a special education curriculum in the learning disabilities category. The following courses are included in this curriculum.

- Education 431—Psychology and Education of Exceptional Children
- Education 432—Psychology of Children with Learning Disabilities
- Education 433—Educational Procedures for Children with Learning Disabilities
- Psychology 404—Educational Psychology
- Education 411A—Teaching of Reading in Elementary School
- Psychology 454—Introduction to Psychological Testing
- Education 362—Basic Principles of Counseling
- Education 434—Learning Disabilities Practicum

### Early Childhood

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education curriculum in order to qualify the student for certification in early childhood education.

- Education 441—Early Childhood Education
- Education 442—Methods and Materials for Kindergarten
- Education 443—Early Childhood Practicum

**211. Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.

**252. Developmental Psychology**—(See Psychology 252).

**338. Educational Sociology**—A study in the application of sociological findings to education. Three semester hours.

**362. Basic Principles of Counseling**—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied, and attention is given to promising counseling techniques. Three semester hours.

- 401. Education and Occupational Information**—A course to provide students opportunity to study the nature of various careers. 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. Three semester hours each semester.
- 411A. Teaching of Reading**—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.
- 421. Directed Teaching in the Elementary School**—Teaching 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.
- 431. 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. Three semester hours.
- 432. Psychology of Children with Learning Disabilities**—A survey of the literature of children with learning disabilities including dyslexia, exceptional handicaps, brain injuries, minimal brain disfunction, and developmental asfasia. Three semester hours.
- 433. Educational Procedures for Children with Learning Disabilities**—Curriculum development for the teaching of children with learning disabilities. The course will include a discussion of the remediation in relation to basic skills such as reading, mathematics, and perceptual motor. Several approaches to the teaching of children with learning disabilities will be examined including perceptual motor, developmental visual perception, neuro-psychological, and the linguistics program. Three semester hours.
- 434. Practicum in Learning Disabilities**—The student will be required to do this student practicum in learning disabilities classroom. Three semester hours.
- 441. Early Childhood Education**—Philosophical and theoretical foundations of early childhood education. Child study and observation in 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, parent-teacher relationships will be emphasized. Two semester hours.
- 443. Early Childhood Practicum**—A two-hours-a-day experience, lasting for one semester, in a student teaching experience at the early childhood level. Three student hours.
- 470. The Teaching of High School Reading**—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three 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. Three semester hours.
- 481. Directed Teaching in the Secondary School**—Teaching 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.

## AREA OF SCIENTIFIC LEARNING

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The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

### 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 nor 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 301; and Mathematics 111 and 112, or 110.

The requirements for a student who intends to major in biology and teach in elementary school are: twenty-four hours in biology which must include 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 111-112, or 110.

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, or 110, with calculus recommended; and Physics 201 and 202.



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.

- 110. Human Biology**—A study of fundamental biological concepts of particular relevance to mankind 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. (Fall, Summer).
- 120. Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
- 140. Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
- 210. Genetics**—Fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours. (Spring).
- 220. Plant Taxonomy**—Comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours. (Fall).
- 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. (Fall).
- 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. This course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, medical technology, 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. (Fall, Spring, Summer).
- 310. Cell Physiology**—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301, or concurrent registration, and at least twelve hours of biology. Four semester hours. (Fall).
- 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. (Spring).
- 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. Four semester hours. (Alternate years on demand).
- 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. Four semester hours. (Spring of odd numbered years).
- 350. Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward the B.A. degree who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours. (Fall, Spring, Summer).
- 360. Ecology**—Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 120, 140. Four semester hours. (Fall).

- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Four semester hours. (Spring of even numbered years).
- 364. Limnology**—A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachia Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Five semester hours. (Summer).
- 368. Field Biology**—Any additional course(s) taken at the Mid-Appalachia Field Training and Research Center. Prerequisites: Biology 120 and 140. Four semester hours per course. (Summer).
- 380. Microbiology**—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Permission of the instructor. Four semester hours. (Spring).
- 440. Endocrinology**—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hours. (on demand).
- 490. Undergraduate 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. (Fall, Spring, Summer).

## 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 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-two hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through differential equations, 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. (Fall).
- 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. (Fall).
- 301-302. Organic Chemistry**—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. (Fall, Summer).
- 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. (Fall).

- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours. (Spring of alternate years).
- 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; Physics 201-202. Four semester hours each semester. (Fall).
- 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. (Spring of alternate years).
- 490. Undergraduate Research Problem**—Research on special problems in chemistry under the direct supervision of a faculty member. Prerequisites: twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

## MATHEMATICS

The aims of mathematics are to develop logical reasoning, to create an inquiring attitude, to provide a general mathematical foundation for life's activities, to promote a desire for further investigation and study, to supply the working tools of science, and to engender a satisfaction in personal accomplishment.

A major in mathematics shall consist of thirty semester hours. A minor shall require twenty-four semester hours.

- 103-104. Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the preceding system by definition. Three semester hours each semester.
- 108. Business Mathematics**—A study of mathematical tools directly related to the field of management and finance, including a study of ratio, proportion and percent, simple and compound interest, simple and general annuities, amortization, depletion, and capitalization. For business majors and teacher certification only. Not applicable to math major or minor. Three semester hours.
- 110. Algebra and Trigonometry**—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequence, inverse function, and trigonometric equations. Prerequisite: Consent of the instructor. Five semester hours.
- 111. Algebra**—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 functions, triangles, logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.

113. **Analytics and Calculus I**—A study of cartesian coordinates, graphs, lines, circles, functions, limits, derivatives, differentials of algebraic functions, maxima and minima, rates, and the conics. Prerequisite: Math 110 or Math 111 and Math 112. Four semester hours.
211. **Analytics and Calculus II**—A study of the definite integral, differentiation of transcendental functions, formal integration, properties of continuous and differential functions, parametric equations, and polar coordinates. Prerequisite: Math 113. Four semester hours.
212. **Analytics and Calculus III**—A study of infinite series, solid analytic geometry, vectors, partial differentiation, multiple integration, and differential equations. Prerequisite: Math 211. Four semester hours.
214. **Statistics**—A study of probability distributions, correlation, and hypothesis testing. The course shall meet three lecture periods and two laboratory periods per week. Four semester hours.
215. **Modern Geometry**—A study of incidence geometry, distance, congruence, separation, geometric inequalities, congruence without distance, different geometries, area functions, rigid motion, coordinates, and postulation. Prerequisite: Consent of instructor. Three semester hours.
305. **Differential Equations**—A study of the differential equations, the meaning, types of solution, and their uses. Prerequisite: Math 212. Three hours.
307. **Linear Algebra**—A study of matrices, vector spaces, transformations, and linear systems. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integrations and differentiation with arithmetic operations. Prerequisite: Math 212. Three semester hours.
411. **Introduction to Analysis I**—Convergence, limits, continuity, differentiability, the Riemann integral. Prerequisite: Math 212. Three semester hours.
412. **Introduction to Analysis II**—Sequences, series, functions, functions of several variables, measure, outer measure, generalized integration. Prerequisite: Math 411. Three semester hours.
- 415A, B, C. **Independent Work in Mathematics**—Individual work offered on demand. Prerequisite: Major with 3.0 grade point average in math. One to three semester hours.
- 421-422. **Senior Seminar in Mathematics**—A two semester sequence required for a major in mathematics. This seminar introduces the senior to the literature in mathematics and gives him an opportunity to begin research. Two class periods per week. One semester hour each semester.
450. **Senior Thesis**—Thesis required for graduation in the honors program. Credit is three or six hours depending on the nature of the thesis. This is determined by the mathematics faculty.

**The Junior-Senior Honors Program in Mathematics**—A sophomore mathematics major who has a minimum of a 3.0 grade point ratio may apply for admission to the

honors program in mathematics. If he is accepted in the program, he must take two semesters of independent work his junior year. Successful completion of these two courses admits the student to the senior honors program.

His senior year includes the writing of a senior thesis and a two-day comprehensive examination. Candidates who successfully complete the honors work may graduate with honors in mathematics.

## PHYSICS

**103. Physical Science**—A study of a few concepts in physics and chemistry. Non-credit toward a major or minor in science. Four semester hours.

**201-202. General Physics**—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.

## AREA OF SOCIAL LEARNING

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 solution in terms of Christian ethics.

## ECONOMICS

For courses in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 311	History of Economics Thought
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

## GEOGRAPHY

**103. World Geography**—A survey of the principal geographic regions and countries of the world, including political, ethnic, religious, and geologic aspects. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.

**104. Economic Geography**—A detailed study of man's efforts to make adaptation to his physical environment, including distribution of resources and their utilization throughout the world and the politico-economic problems created by the presence or absence of such resources. This course is open only to those requiring it for a teaching certificate. Offered alternate years. Three semester hours.



- 362. Geography of Latin America**—A study of Latin America, emphasizing the general physical environment of each of the individual nations. In the treatment of each country a study is made of its social, economic, and cultural aspects. Three semester hours.
- 363. Geography of North America**—A study of the social and economic characteristics of the United States and Canada. An attempt is made to relate the growth of these aspects to the environmental factors of the country. Three semester hours.

## GOVERNMENT

- 303. American Government**—A study of the principles, structure, and functioning of the national, state, and local governments in the United States with emphasis upon current problems and their background. 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.
- 401. Comparative Government**—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
- 402. Political Theory**—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. 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.
- 450-451. Seminar in Pre-Law Studies**—A survey of the various phases of American law with emphasis on the essential feature of each phase and the proper interpretation of its related legal terms. Three semester hours each semester.

## 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.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

History majors will advance toward the Bachelor of Arts degree.

History 309-310 is required for both the major and the minor.

223. **History of Greece**—An in-depth study of the Greek world from its foundations, through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.
224. **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. Two semester hours.
- 301-302. **Far Eastern Civilization**—A study of the history and life of the peoples in Eastern Asia, the Chinese, the Japanese, and the Koreans, by analyzing their political, economic, and social institutions and evaluating their intellectual and aesthetic traditions. Three semester hours each semester.
- 303-304. **Introduction to African Studies**—An overview of African cultures and civilizations from earliest time to the present. Three semester hours each semester.
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.
308. **Contemporary History**—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. 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 to the social and economic life of the people of the United States. Three semester hours each semester.
311. **History of Economic Thought**—(See Economics 311).
313. **Problems of Contemporary Civilization**—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.
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**—The story of England from the earliest times to the present, emphasizing the English constitutional development, 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 Reformation. Consideration is given to the causes, principles, and history of Protestantism. 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.
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.
- 403-404. Historiography**—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
- 411. Civil War and Reconstruction**—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.
- 412. Recent American History**—A study of the political, economic, diplomatic and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
- 421. History of the Ancient Near East**—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.
- 423. Early and Medieval Islamic History**—An analysis of Islam's origins within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. 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. Three semester hours each semester.
- 441-442. Seminar Studies in History**—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.
- 445. Historical Research**—Study of the theory and exercise in the practice of original historical research. Open only to students having minimum 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. Open to students having a minimum grade-point average of 3.0. Three semester hours.

### Human Relations

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. The major enables students to develop specialty programs in psychology, sociology, social agency administration, or youth agency leadership. For the B.S. degree 36 hours are required; for the B.A. degree

24 hours with a foreign language. A major in human relations requires a program of 12 hours of core courses which are Psychology 151, 350 and Sociology 205, 303. A minor in human relations is 18 hours including 12 hours of core courses.

**SUB-AREA OF HUMAN RELATIONS**  
**Core Courses**

Psy. 151 (3 hours)	Soc. 201 (3 hours)
Psy. 350 (3 hours)	Soc. 303 (3 hours)

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Institutions	Track Four: Youth Leadership
Math 214	Math 214	Econ. 201-202 B. A. 211-212	Soc. 314 H. & P.E. 409
Psy. 252	Soc. 201	Psy. 252	Soc. 426
Psy. 259	Soc. 210	Soc. 311	Soc. 452
Psy. 352	Soc. 301	Psy. 352	Soc. 491
Psy. 353	Soc. 311	Psy. 353	
Psy. 358	Soc. 314	Psy. 358	
Psy. 360	Soc. 375	B.A. 361	
Psy. 401	Soc. 401	Psy. 413	
Psy. 404	Soc. 403	Soc. 426	
Soc. 426	Soc. 413	Soc. 491	
Psy. 452	Soc. 414		
Psy. 454	Soc. 421		
Psy. 456	Soc. 426		
Psy. 457	Soc. 490		
Psy. 490	Soc. 491		
Psy. 491			
			See the Sub-Area Chairman for Ad- viser Assignment

## PSYCHOLOGY

The required courses for the track 1 (psychology) major are as follows: Mathematics 214, Psychology 259, Psychology 358, Psychology 401 beyond those prescribed in the human relations core. Those certifying to teach may substitute up to 8 hours of courses in education for courses in psychology. The above course requirements must be met by all psychology students except for certifying teachers who may present Psy. 454 for Psy. 259.

**151. Introduction to Psychology**—A brief survey of the field of psychology and the scientific method in this field, prerequisite to all other courses. Three semester hours.

**252. Developmental Psychology**—Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. This 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 the Psychology Area. In Education: Four semester hours. In Psychology: Three semester hours.

**259. Experimental Psychology**—Basic study of experimental methods and design with emphasis on laboratory and research applications, divided between lecture and laboratory sessions. Prerequisite: Mathematics 214. 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. **Psychology of Personal Adjustment**—A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. 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.
360. **Psychology of Mass Communications**—(See Speech 360).
401. **Advanced General Psychology**—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**—Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. This course does not apply toward Psychology Major or Minor, except for those certifying to teach. Three semester hours.
452. **Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.
454. **Introduction to Psychological Testing**—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 its communications with other disciplines. One to three semester hours.
458. **Humanistic Psychology**—A course in the concepts of man, mind, and basic human nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. 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 work, as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.

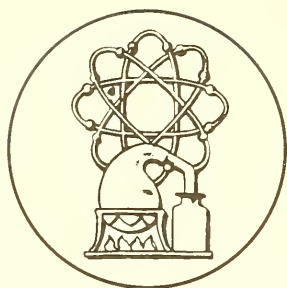
## SOCIOLOGY

In addition to the human relations core courses, the track 2 (sociology) major must take Math. 214, Soc. 301, and Soc. 401.

201. **Introduction to Sociology**—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.



301. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and Le Play. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. This course is required of all majors in sociology. 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**—The nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention and treatment and corrections. Prerequisite: Sociology 201. Three semester hours.
314. **Race and Ethnic Relations**—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 social studies. Three semester hours.
360. **Problems of Cross-Cultural Communication**—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.
375. **Dynamics of Culture Change**—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.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis; the interpretation of social data. This course is 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**—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.
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.



# Current Statistics



## CURRENT STATISTICS

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### 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 La Rue 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 William Paul Fife, Jr., Memorial Fund  
 The Mary Harvey Taber Memorial Fund  
 The William Robert Feathers Memorial Fund  
 The Lee Ann McCormick Memorial Fund  
 The Walter White Hannah Memorial 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 Willey 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 A. F. Cochran Memorial Fund

The Purpose of Man Award Fund  
 The Pauline Hawkins Williams Memorial 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 Oakes Memorial Fund

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan College, Tennessee 37682.

### Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the school 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 49th Street Christian Church, Indianapolis, Indiana—Dr. C.  
 Robert Wetzel  
 First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison  
 First Christian Church, Chicago, Illinois; THE DEAN E. WALKER CHAIR  
 OF CHURCH HISTORY—Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.

### The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mrs. Mildred Welshimer Phillips and Mr. 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 the late 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	Dr. W. R. Walker
1959	Dr. Ard Hoven
1960	No lecturer
1961	Dr. R. M. Bell
1962	No lecturer
1963	Dr. James H. Jauncey
1964	Dr. J. D. Murch
1965	No lecturer
1966	Marhall Leggett
1967	Dr. John Baird
1968	Dr. James G. Van Buren
1969	No lecturer
1970	No lecturer
1971	No lecturer
1972	Dr. Joseph H. Dampier
1973	Mildred Welshimer Phillips









# The Milligan Community



## 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 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 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.

### Term Expires 1976

Samuel C. Bower, *Vice Chairman*, Physician, Mill Hall, Pennsylvania  
 Henry Gruenberg, *Retired*, Flanagan, Ill., and North Miami, Florida  
 Mrs. L. W. McCown, *Historian and Church Woman*, Johnson City, Tennessee  
 Albert H. Magness, *President*, Standard Equipment Company, Bel Air, Maryland  
 Mrs. B. D. Phillips, *Educator and Church Woman*, Butler, Pennsylvania  
 W. V. Ramsey, *Businessman*, Mountain City, Tennessee

### Term Expires 1975

Robert E. Banks, *Secretary*, Attorney, Elizabethton, Tennessee  
 Russell F. Blowers, *Minister*, East 49th Street Christian Church, Indianapolis, Indiana  
 James Burleson, *Vice President and Trust Officer*, Hamilton National Bank, Johnson City, Tennessee  
 John Davis, *Executive*, Delta Airlines, East Point, Georgia  
 Howard Hauser, *President*, Oaklandon Sales Company, Indianapolis, Indiana  
 Leslie L. Lumsden, *Retired*, Elizabethton, Tennessee  
 Wade Patrick, *President*, Johnson City Transit Company, Johnson City, Tennessee  
 Ralph Small, *Executive Editor*, Standard Publishing Company, Cincinnati, Ohio  
 Robert L. Taylor, *United States District Court Judge*, Knoxville, Tennessee  
 L. Palmer Young, *Minister*, Gardenseside Christian Church, Lexington, Kentucky

### Term Expires 1974

Robert Alexander, *Minister*, First Christian Church of Conejo Valley, Thousand Oaks, California  
 Theodore Cord, *Minister*, First Christian Church, Glendale, Arizona  
 Ard Hoven, *Minister*, First Christian Church, Columbus, Indiana  
 Steve Lacy, *Chairman*, Real Estate Development, Johnson City, Tennessee  
 C. Howard McCorkle, *Superintendent*, City Schools, Johnson City, Tennessee  
 Jack R. Musick, *Treasurer*, Judge, First Judicial District of Tennessee, Elizabethton, Tennessee  
 John L. Paty, *President*, Paty Lumber Company, Elizabethton, Tennessee  
 John U. Phelps, *Minister*, Clemons, North Carolina  
 Roy True, *Retired Public Accountant*, Johnson City, Tennessee  
 George Walker, *Insurance Executive*, Canton, Ohio  
 Frank L. Wiegand, *Attorney*, Pittsburgh, Pennsylvania

### Trustees Emeriti

Jack Covington, *Contractor*, Winston-Salem, North Carolina

W. H. MacDonald, Retired Public Accountant, Johnson City, Tennessee  
James L. Tarwater, Executive, Roane Hosiery Mills, Harriman, Tennessee

### Ex-Officio Member

W. Harold Hockey, Board Chairman, Emmanuel School of Religion, Minister  
Westwood Cheviot Church of Christ, Cincinnati, Ohio

### Advisers

Raymond Alber, Vice President for Development, Emmanuel School of Religion,  
Johnson City, Tennessee  
Charles Allen, Physician, Johnson City, Tennessee  
John P. Atkinson, Real Estate Development, Sierra Madre, California  
James Barton, Minister, First Christian Church, Nashville, Tennessee  
B. J. Bass, Physician, Salem, Missouri  
Jack Bliffen, Minister, Downtown Christian Church, Johnson City, Tennessee  
Melvin Bryant, Minister, First Christian Church, Salem, Missouri  
Wade Bunting, Director Gilford County Juvenile Detention Home, Greensboro, N. C.  
Laurel Carr, Vice President, Bell Company, Chicago, Illinois  
William S. Carter, Businessman and Philanthropist, Dallas, Texas  
Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois  
E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio  
Jordan Crouch, Senior Vice President, First National Bank of Nevada, Reno, Nevada  
Horace (Butch) Dabney, Central Office Supply Co., Inc., Louisville, Kentucky  
Glen Daugherty, Minister, First Christian Church, Greeneville, Tennessee  
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Fla.  
Gerald Fugit, Judge, Odessa, Texas  
Jack Gilbert, Accountant, Allison Division, General Motors, Indianapolis, Indiana  
John Greenlee, Minister, West Side Christian Church, Wichita, Kansas  
Harry J. Guion, Insurance Agent, Indianapolis, Indiana  
John Hart, Retired, Locust Dale, Virginia  
Henry Hill, Minister, Ben Davis Christian Church, Indianapolis, Indiana  
W. E. Hyder, Retired, General Mills, Johnson City, Tennessee  
E. P. (Penny) Jones, Executive, Boy Scouts of America, Atlanta, Georgia  
Robert L. Kroh, Minister, First Christian Church, Erwin, Tennessee  
Vernon Kullowatz, Chaplain (Colonel) United States Air Force, Alaska  
James Landrum, Minister, First Christian Church, Norfolk, Nebraska  
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky  
Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania  
James Magness, Businessman, Joppa, Maryland  
David Marler, Chaplain, Veteran's Administration, Indianapolis, Indiana  
William G. McFarland, Retired, Campbell Soup Company, Chicago, Illinois  
Warren Miller, Medical Student, Indiana University, Greenwood, Indiana  
John Mills, Minister, First Christian Church, Chicago, Illinois  
Thomas E. Mock, Assistant Vice President, American Fletcher National Bank, Oakland,  
Indiana  
John Newman, Businessman, Brownsburg, Kentucky  
Homer Nicholas, Trust Investment Officer, Citizens Fidelity Bank and Trust Company,  
Louisville, Kentucky  
William O. Norris, Minister, Christian Church, Wellsburg, West Virginia  
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana  
Walter Puckett, Campus Minister, Indiana State University, Terre Haute, Indiana  
Warren Robbins, Minister, Christian Church, Plainfield, Indiana  
Lucian Robinson, Minister, Woodland Heights Christian Church, Crawfordsville, Indiana  
Robert Robinson, Businessman, Brownsburg, Indiana  
Goffrey Salyer, Business-Mining, Elkhorn City, Kentucky  
Donald Sams, Minister, Christian Church, High Point, North Carolina  
Allen Sharp, U. S. District Court Judge, Indianapolis, Indiana  
Robert W. Shaw, Minister, First Christian Church, Miami, Florida  
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee  
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee  
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia  
Thomas L. Tatham, Attorney, Miami, Florida

Robert F. Thompson, President, R. F. Thompson Grain Co., Cayuga, Indiana  
M. E. Thornton, Director, Market Development, Colgate-Palmolive Company, New York,  
New York  
Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania  
Woodrow Wilson, Medical Student, University of Kentucky, Lexington, Kentucky  
Harold Zimmerman, Maintenance Engineer, Allison Division, General Motors, Indian-  
apolis, Indiana

### **Administrative Officers**

Jess W. Johnson, B.Th., B.D., D.D., President  
C. Robert Wetzel, B.A., M.S., Ph.D., Academic Dean  
Tetsunao Yamamori, B.A., B.D., Ph.D., Dean of Students  
B. J. Moore, B.S., Business Manager  
Eugene H. Wigginton, B.A., Director of Development

### **Administration**

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

DALE CLAYTON, Financial Aids Officer (1973)  
B.A., Milligan College.

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

LAWRENCE E. HUFF, Student Enlistment Officer (1973)  
B.A., Milligan College; Emmanuel School of Religion.

RODNEY D. IRVIN, Director of Communications (1972)  
B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)  
B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler School  
of Religion.

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

B. J. MOORE, Business Manager (1965)  
B.S., East Tennessee State University.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 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 Tomas (P.I.); George  
Washington University; Western Reserve University.

DANIEL STUECHER, Student Enlistment Officer (1972)  
B.A., Milligan College.

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 Univer-  
sity; University of Chicago; University of Edinburgh.

C. ROBERT WETZEL, Academic Dean (1961)  
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., Univer-  
sity of Nebraska.

EUGENE H. WIGGINTON, Director of Development (1971)  
B.A., Cincinnati Bible Seminary.

TETSUNAO YAMAMORI, Dean of Students and Associate Professor of Sociology (1972)  
B.A., Northwest Christian College; B.D., Texas Christian University; Ph.D., Duke  
University.

### Professors

- PAUL A. CLARK, Chairman, Area of Professional Learning and Professor of Education and Director of Teacher Education (1965)  
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.
- ROBERT O. FIFE, Chairman, Area of Social Learning and Professor of History (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., Vanderbilt University.
- DENNIS HELSABECK, Professor of Counseling and Director of Guidance (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., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- EUGENE P. PRICE, Professor of Business Administration (1949)  
B.A., M.A., Duke University; Harvard University.
- JAMES L. SHIELDS, Professor of Education (1959)  
B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., California State College, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- LONE L. SISK, Professor of Chemistry (1948)  
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; University of Tennessee; Vanderbilt University.
- HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)  
B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.
- WEN-YENTSAO, Professor of East Asian Studies (1967)  
LL.B., National Central University (China); J.S.D., University of California at Berkeley; Melbourne University.
- HAZEL TURBEVILLE, Professor of Secretarial Science (1950)  
B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.
- DUARDB. 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., Th.D., Southern Baptist 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; 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.
- ANNE BRADFORD, Associate Professor of Education (1972)  
B.S., M.A., East Tennessee 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.



- ORVEL C. CROWDER, Associate 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.
- 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.
- CHARLES W. GEE, Associate Professor of Biology and Education (1967)  
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State  
University.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Associate Pro-  
fessor of Bible (1964)  
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union  
College; University of Cincinnati.
- 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; Southern Baptist Theological Seminary; Vanderbilt University; Uni-  
versity of Chattanooga, Harvard University.
- ROY HAMPTON, Associate Professor of Mathematics (1963)  
B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee; East  
Tennessee State University; Johns Hopkins University; University of Kansas; Columbia  
University; Clark College.
- JUANITA JONES, Associate Professor of English (1968)  
B.A., Milligan College; M.A., University of Tennessee; East Tennessee State Univer-  
sity; University of Chicago.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Associate Professor of  
Biology (1969)  
B.A., M.A., Baylor University; Ph.D., Texas A & M University.
- GUY R. MAULDIN, Associate Professor of Mathematics (1965)  
B.A., M.S., Mississippi State University; University of Texas; University of Kentucky.
- WILLIAM MERVIN MOORHOUSE, Associate Professor of Speech (1967)  
B.Th., Minnesota Bible College; B.D., Christian Theological Seminary; Ph.D., Indiana  
University; Butler University; University of Minnesota.
- JOHN L. MORRISON, Associate Professor of Education (1968)  
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford  
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.
- MARGUERITE PARRIS, Associate Professor of English and Speech (1960)  
B.F.A., M.Ed., University of Georgia; Georgia State College for Women; University  
of London.
- MARY PERRY, Associate Professor of Christian Education (1962)  
B.S., Milligan College; M.R.E., Southern Baptist Theological Seminary; East Tennessee  
State University.
- RICHARD PHILLIPS, Associate Professor of Bible (1967)  
B.A., Th.M., Lincoln Christian College; B.D., M.A., Butler University; Ph.D., Van-  
derbilt University; University of Tennessee.
- IRA READ, Associate Professor of History (1967)  
B.A., Milligan College; M.A., Ph.D., Emory University.

- B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)  
B.S., East Tennessee State University; M.S., University of Tennessee.
- EARL STUCKENBRUCK, Associate Professor of German (1951-52, 1968)  
B.A., University of Kansas; B.D., Butler University; University of Birmingham, England,  
University of Tuebingen, Germany.
- CHARLES R. TABER, Associate Professor of Anthropology (1973)  
B.A., Bryan College; M.A., Ph.D., Hartford Seminary Foundation.
- WILLIAM H. WRIGHT, Associate Professor of Art (1973)  
B.F.A., M.F.A., University of Kansas.

#### Assistant Professors

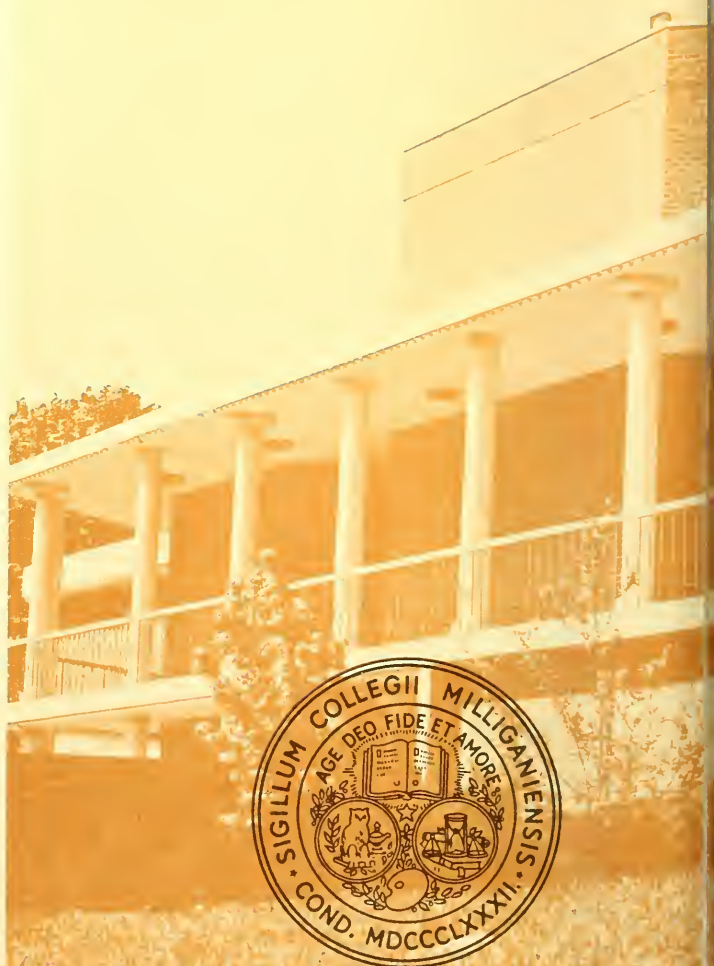
- HAROLD SHERWYN BACHMAN, Assistant Professor of Music and Director of the Concert Choir (1967)  
B.A., Goshen College; M.M., Indiana University.
- JAMES BALCH, Assistant Professor of Mathematics (1972)  
B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.
- ROY DAVID BRACKIN, Assistant Professor of Psychology (1973)  
B.S., Ph.D., University of Tennessee.
- 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.
- TERRY J. DIBBLE, Assistant Professor of English (1971)  
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- ALAN HOFFMAN, Assistant Professor of Bible (1972)  
B.A., Milligan College; M.Div., Southern Baptist Theological Seminary.
- JACK L. KNOWLES, Assistant Professor of English (1970)  
B.A., Milligan College; M.A., University of Tennessee, Ohio State University.
- HOWARD L. LAMON, Assistant Professor of Business Administration (1968)  
B.S., Tennessee Wesleyan College; M.B.A., University of Tennessee.
- RICHARD D. LURA, Assistant Professor of Chemistry (1971)  
B.S., University of Wisconsin, Ph.D., Iowa State University.
- TRACEY R. MILLER, Assistant Professor of English (1968)  
B.A., Midwest Christian College; M.A., Fort Hays Kansas State College; Ph.D., University of Tennessee; University of Oklahoma; University of Nebraska.
- DAVID R. RUNNER, Assistant Professor of Music (1972)  
B.Mus., Boise State College; M.Mus., University of Rochester.
- DONALD RAYMOND SHAFFER, Assistant Professor of German (1963-68, 1973)  
B.A., Albion College; M.A., University of Indiana; Cincinnati Bible Seminary; Michigan State University.
- GARY O. WALLACE, Assistant Professor of Biology (1967-68, 1971)  
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- CAROLYN WOOLARD, Assistant Professor of French (1972)  
B.A., Bridgewater College; M.A., University of Kentucky.
- PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)  
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

#### Library Staff

- JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 1962)  
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary;  
M.A. in L.S., Peabody College of Teachers; University of Santo Tomas (P.I.) George Washington University; Western Reserve University.
- MARY ANN KAPPA, Assistant Librarian and Cataloger (1971)  
A.B., University of Kentucky; M.A., East Tennessee State University.

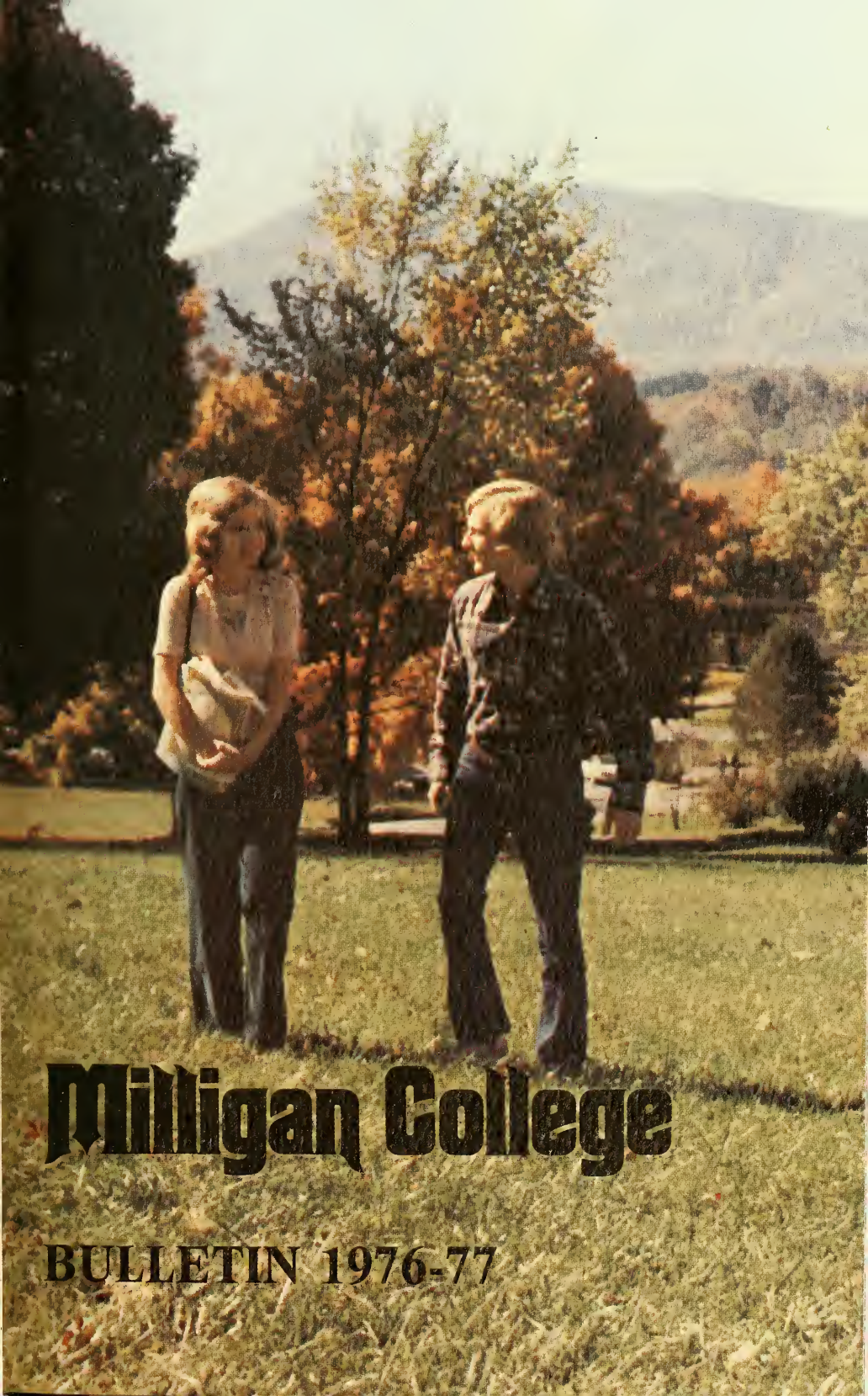
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**MILLIGAN COLLEGE**  
MILLIGAN COLLEGE, TENNESSEE 37682





# Milligan College

BULLETIN 1976-77



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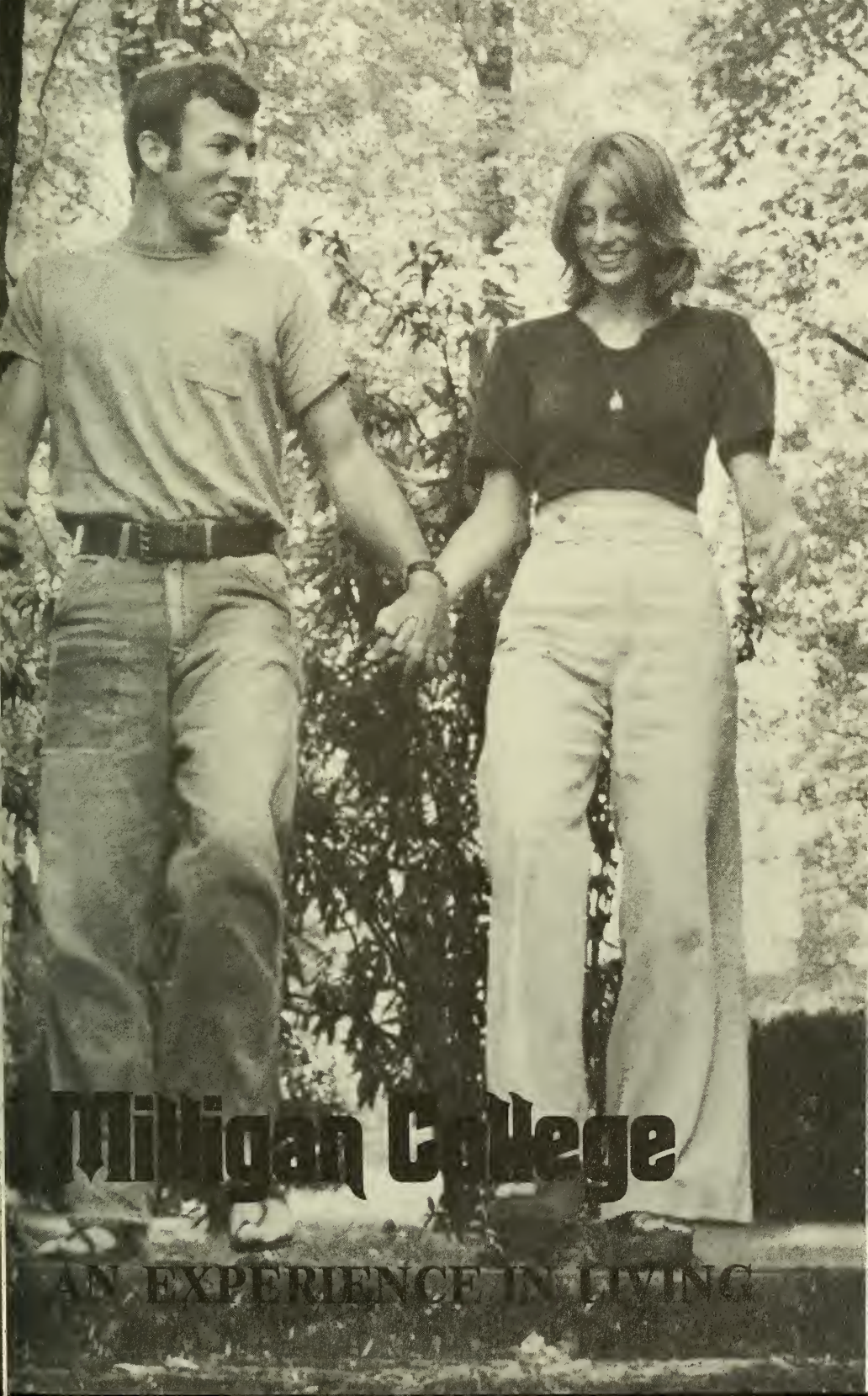
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- Alumni  
WRITE: Alumni Director
- Accounts, costs, etc.  
WRITE: Business Manager
- Academic matters, special programs, and requirements  
WRITE: Academic Dean
- Dormitory and apartment reservations  
WRITE: Dean of Students
- Financial Aid  
WRITE: Financial Aids Director
- Gifts, estate planning, annuities  
WRITE: Director of Development
- Publications, press information, displays  
WRITE: Director of Communications
- Religious Life  
WRITE: Dean of Students
- Rules and regulations  
WRITE: Dean of Students
- Transcripts  
WRITE: Registrar

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

The Southern Association of Colleges and Schools  
The National Council for the Accreditation of Teacher Education  
The Association of American Colleges  
The Tennessee College Association  
The Council for the Advancement of Small Colleges  
The Council of Protestant Colleges  
The Affiliated Independent Colleges of Tennessee  
The American Association of Colleges for Teacher Education  
The Volunteer State Athletic Conference  
The National Association of Intercollegiate Athletics  
The Tennessee Intercollegiate Athletic Conference  
The College Placement Council  
The Association for Schools, Colleges, and University Staffing  
The American College Public Relations Association

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



# Milligan College

AN EXPERIENCE IN LIVING

# **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 be 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 institution 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. On September 1, 1968 the National Council for the Accreditation of Teacher Education granted accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level.

In June of 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.

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 including 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 of 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. 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.

## **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 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 That Will 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 this 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 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**

All students not commuting from their homes are expected to live in rooms provided by the College and to board at the dining hall. Other arrangements are subject to approval by the appropriate Dean.

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 Dormitory 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 the occupants of the room.

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

### **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. Contact the Dean of Students for additional information.



### **Regulations**

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 the campus or away.

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.
3. Milligan College has a deep concern 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.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco is restricted to designated areas.



### **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.

A parking fee of \$2.00 per semester will be charged.

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

### **Social Activities**

All social activities should first be approved by the faculty sponsor and then entered on the School Calendar in the office of the appropriate 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 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 Resident is assisted by Resident Assistants as part of the staff of the Deans 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 that the student 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 college nurse are provided on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse all illness and accidents.

The College cannot assume financial liability for 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. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic 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. 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.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and 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 prayer room in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It sponsors an informal vesper service on Tuesday and Thursday evenings. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) Within 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. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

Student Ministerial Association 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 Missionary Fellowship is an organization of all students interested in the missionary work of the church, both at home and abroad. The Fellowship seeks to disseminate information about the various mission fields and 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.

Student Government Association consists of the following elected members: the 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. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries.

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



### 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, and tennis.



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, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Approximately 85% of the student body is engaged in competitive intramural sports.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College.

### **Lecture-Concert Series**

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

### **Publications**

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stampede**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

### **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 the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau, a National Honor Society.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

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.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and just plain social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose main project is sponsoring a choral festival for area high school students. These students also sponsor receptions after some concerts and serve as ushers for these events.

The Pre-Law Club is a professional organization which promotes the study of law, government, and politics. During the second semester, the club makes an annual field trip to Washington, D.C. Each spring the club also sponsors an annual "Mock Senate" which is open to student participation.

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 Student Union Board is an extension of the Student Government Association. It plans movies and concerts and other student activities of a popular nature.

The "M" Club includes all students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The following service clubs have organizations on the campus: the Civitan Club, the Civinette Club, the Circle K Club, and Alpha Phi Omega.

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.

The International Students' Relation Club is one of the newest clubs on campus. The purpose of this club is to promote a more complete understanding between the American students and the students from other lands. Active membership in the club and the privilege of holding office are open only to the foreign students. American students hold honorary membership.

Each year the Ski Club makes a two-day trip to the lodge of Blowing Rock. Some members of the club are experienced skiers, and others are completely new at the sport. Membership in the club is open to all Milligan students.



*Steve Lacy Fieldhouse*



## THE CAMPUS

Milligan College occupies a campus of more than one hundred and sixty-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 quarter-mile track, 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 E. 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.

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 this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of Academic Dean, the Registrar and 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 95,000 volumes and 350 current periodicals. The building was first occupied in November 1961 and is open seventy-seven hours per week. The building 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.

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

Pardee Hall 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, Office of Student Enlistment, Director of Alumni Affairs, Director of Church Relations, and Director of Communications.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of 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, 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 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 three apartments.

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 Mr. and Mrs. John M. Hart of Hartland, Virginia.

The Seeger Memorial Chapel was dedicated November 24, 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 large 300-student lecture hall, and several special-purpose rooms.

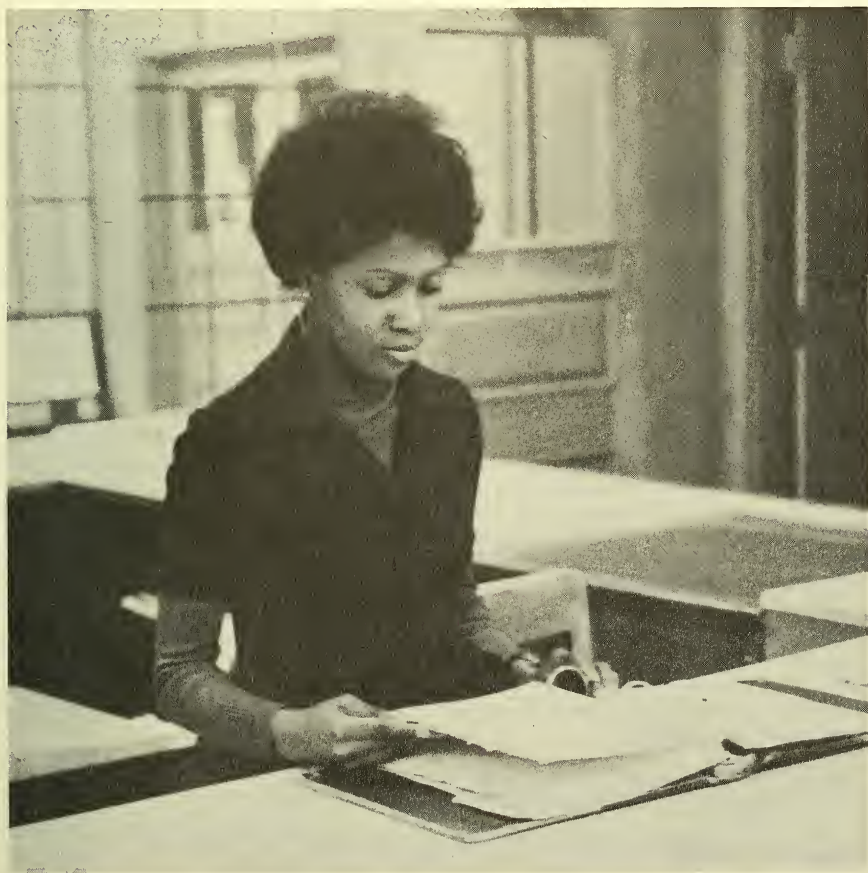
The Steve Lacy Field House was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in American and it contains a regulation basketball court, a regulation swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of life time sports.

Little Hartland Hall, the gift of Dr. and Mrs. John Hart, of Locust Dale, Virginia, is scheduled for completion during 1976. Hartland Hall is furnished with selected pieces from the Hart's sizeable collection at their home. The building will serve 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 Student Enlistment.

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

Overall excellence of performance in high school subjects and evidence of 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 Student Enlistment an application form, 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 United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score 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.

### **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 procedures outlined above. In addition they must furnish the College with transcripts of all previous college work.

### **Returning Students**

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

Students who have been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee 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**

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfied the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special students must have permission of the Academic Dean. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

### **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 Friday of 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 roster.

As a matriculate or member of the College, the student is entitled to the full benefits accruing to his station.

**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. The student's expenses for one semester will be:

Tuition (for 12 to 17 hours)	\$815.00
Board	411.00
Room	245.00
Tax on Board	20.55
<b>TOTAL</b>	<b>1,491.55</b>

**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 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Experimental Psychology	10.00
Secretarial Practice	10.00
Language Lab Fee	5.00
Typing	10.00
Biology 311	12.00
Music 281, 381-2	5.00
Studio Art Fee	10.00
Art 311	5.00
Music Theory	5.00
Voice Class	15.00
Sheet Music Deposit (refundable)	5.00

**Tuition Charges in Applied Music**

Area of Applied Work	Charge for one semester hour	Charge for two semester hours
Organ	\$35.00	\$55.00
Piano	35.00	55.00
Voice	35.00	55.00

\*Subject to change without notice.

**Practice Room and Instrument Rent:**

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice and Piano	15.00 (1 hr.)	25.00 (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.



### Advanced Deposit

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.

**CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.**

### Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

### Miscellaneous Fees (per semester)

Tuition each academic hour over 17	\$48.50
Tuition each academic hour under 12	68.00
Diploma and graduation fee	20.00
Directed teaching fee	15.00
Transcript fee—after first issue	1.00
Parking fee	2.00
Late registration fee per day	5.00
Change of course fee	5.00
Fee for materials and methods courses	5.00
Audit fee for one semester hour	34.00

### Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$68.00 per semester hour.

### Payments of Accounts

All students 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 payments.

**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 payments.

**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 School: 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 \$120.00 for the year.

### **Board**

The cost of Board is \$411.00 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 expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

### **Linen Service**

By special arrangement with a local linen supply company, the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$37.75 for the academic year.

Complete details and a reservation form will be mailed to all students prior to the opening of school.

### **Refunds**

Upon proper notice, a student who withdraws 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 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 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 account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving 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, he 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 Parents' Confidential Statement with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Parents' Confidential Statement can be obtained from Milligan or a high school counselor. Both applications must 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 new federal loan replaced the National Defense Student Loan as of July 1, 1972. However, the new program still provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corps, VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained.)

**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 and no cancellation benefits.

**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.

### **Grants and Scholarships**

**Supplemental Educational Opportunity Grant**—Grants under this program are made available to a limited number of students with exceptional financial need. Such a grant may range from \$200.00 to \$1,000.00, but in no case shall the grant exceed more than 50% of the total aid offered to an individual student. S.E.O.G. must be matched dollar for dollar by other sources of financial aid; i.e., scholarships, loans, and/or earnings from College part-time employment.

**Basic Educational Opportunity Grant**—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,400.00, 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 exceptional financial need, but who do not qualify for the Supplemental Educational Opportunity Grant. These grants are generally awarded in conjunction with a work assignment. Failure to complete the work assignment results in the cancellation of the grant.

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

## WORK

### Campus Employment

**College Work-Study Program**—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Eligibility depends upon financial need.

**Milligan College Work Program**—This program offers similar on-campus jobs for which Milligan provides the funds. This program is designed to help students who need to supplement their income during the year. These workshops provide a \$444.00 per semester scholarship for work of 15 hours a week, a \$296.00 per semester scholarship for work of 10 hours per week, and a \$148.00 per semester scholarship for work of 5 hours per week.

### Outside Agencies

**Tennessee Student Assistance Award**—This state-funded program provides tuition grants up to \$1200.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206, or by consulting the high school counselor.

**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. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$1500.00 per academic year. The total amount borrowed for under-graduate work may not exceed \$7500. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 per cent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

**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 the parents' death. 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.



**Honor Scholarships**—An honor scholarship of \$450.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$150.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

**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. McCowin 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 music scholarship of \$500.00 is awarded each year to an entering freshmen who demonstrates skill in vocal or instrumental music.

**Milligan College Scholarship**—Scholarships of various amounts are given to individuals who demonstrate academic promise.

**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.

\*Persons interested in applying for scholarships should make application to the Chairman of the Scholarship Committee or the Director of Financial Aid.

## **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 New G. I. Bill**

Milligan College is eligible to receive veterans under the provisions 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.

Veterans, to qualify, 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 or within ten years after June 1, 1966, if discharged prior to that time.

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

### **War Orphans**

Milligan College is also 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 diseases 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 major difference in the two degrees is that the foreign language is required for the Arts degree.

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

The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Science, and Secretarial Science.

The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

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 Government, six hours

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 67 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 catalogue in effect at the time of his entrance into this college, provided these requirements are met within 6 years; otherwise he will be required to meet current degree requirements. The 6-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

### **Medical and Law Students**

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**

### **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 his engineering school. The student must complete the same program in Milligan College as is required of medical or law students.

### **Mortuary Science**

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. 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. For further information contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

### **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 the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which includes the required foundation courses for the bachelor of science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 340, 380 and Parasitology.\*

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

(3) Qualifying for the Registry.

\*Taken at East Tennessee State University.

### **Dual-Degree Programs with Atlanta Christian College and Johnson Bible College**

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in either Atlanta Christian College or Johnson 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. For further information contact the Academic Dean.

### **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.

### **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: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations. (Includes Psychology and Sociology), Humanities, Mathematics, Music, Philosophy, and Secretarial Science.

In addition to this field of major concentration, the student will select one field of minor concentration.

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

## GRADE-POINT AVERAGE

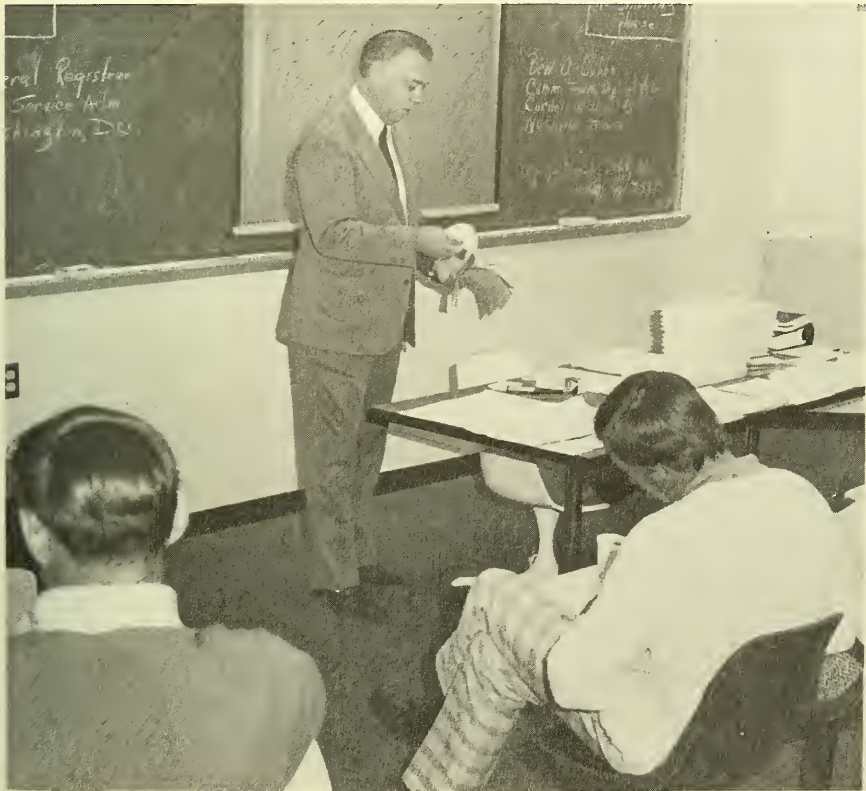
The terms used in evaluating a student's work are letters with a grade-point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality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

- A—Excellent—four grade points for each semester hour.
- B—Good—three grade points for each semester hour.
- C—Average—two grade points for each semester hour.
- D—Poor—one grade point for each semester hour.
- F—Unsatisfactory—no grade points.
- W—Withdrawn.

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

## 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 point-hour ratio earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a point-hour ratio of 4.00; Magna Cum Laude, based on a point-hour ratio of at least 3.75; and Cum Laude based on a point-hour ratio of at least 3.33.

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

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. 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.

## REPORTS

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

## CLASSIFICATION

Progression toward the baccalaureate degree is measured by four ranks or classes, 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.

For further academic information write to the Academic Dean.



# AREAS OF INSTRUCTION

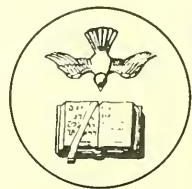




## AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The all too-popular 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 of 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 convenient 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 Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

### Area of Biblical Learning



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.

#### BIBLE

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 shall consist of six hours of New Testament (selected from 201, 202, or 285), six hours of Old Testament, History 341-342, 431-432, and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives and Christian Ministries 290-291. The Bible minor shall consist of eighteen hours to be arranged in consultation with the Area Chairman, but it shall not include Bible 471.

## **Old Testament**

123. Old Testament Survey—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
251. History and 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 latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
285. Seminar in Palestine—An intersession tour of Israel involving prior reading, travel to significant historical and archeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level Old Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. 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.
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.

## **New Testament**

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.
286. Seminar in Palestine—An intersession tour of Israel involving prior reading, travel to significant historical and archeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level New Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
321. Later Pauline Epistles—An exegetical study of Phillippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. Pastoral Epistles—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
323. Hebrews and James—An exegetical study. 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.

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 house.

### Church History

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

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

### Christian Ministries

Field Work—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of college it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

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.

290-291. 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 Area Chairman. One semester hour 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.

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).
- 491-492. Seminar in Religion—A seminar in religion designed to promote depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

## RELIGIOUS EDUCATION

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 will 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.
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.





## Area of Humane Learning

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, and philosophy. At the present a major or minor may be taken in the fields of English, philosophy, and music. A minor can be taken in art, French, German and Spanish. A major can be taken in humanities.

### 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 as follows: 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.

**101-102. Humanities**—A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year begins with the Greeks and ends with the Eighteenth Century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.

**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 and the anxiety and despair manifested in the Twentieth Century. Six semester hours each semester.



**Note:** Humanities 101-102 is a required course of study for all freshmen working toward a 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.

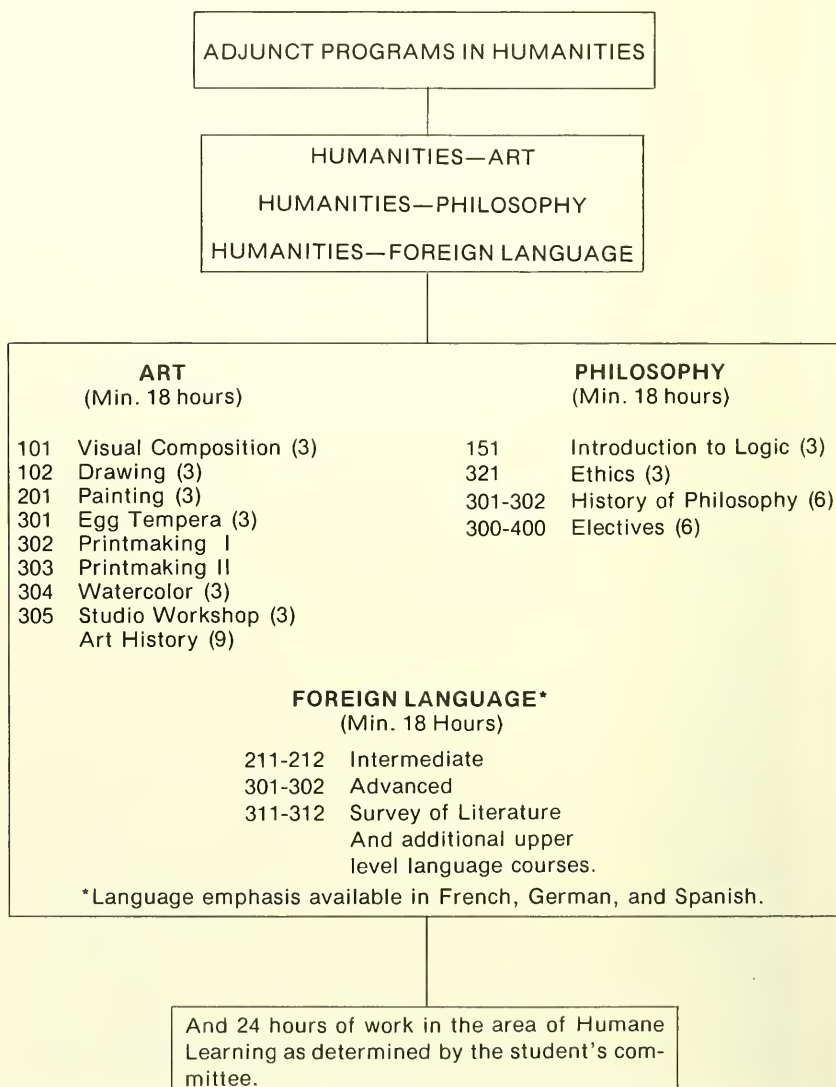
- 200. Humanities European Study Tour**—A study tour of 12 European countries, visiting sites of historical and cultural significances. In addition to the travel, students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 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.
- 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 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.



## ADJUNCT PROGRAMS IN HUMANITIES

The Adjunct Programs in Humanities permits a student majoring in humanities to specialize in one of three areas: art, philosophy, or foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these three 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 areas of art and foreign language.

The requirements for the above majors include a minor in their 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.



## 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 eighteen 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.

**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.

**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. Three semester hours.

**312. Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.

**313. History of the English Language**—A survey of the development of the English language from its origins to the present. 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 minoring 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. Two 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. 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. Three semester hours.
- 460-461. Renaissance Drama—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
462. Renaissance Poetry and Prose—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. 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.

## FINE ARTS

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of art. At the same time it increases both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

## ART

The art courses at Milligan College are designed to accommodate both the serious and casual student. Although it is possible to obtain both an art minor and a Humanities-Art major, the area feels that every student in a small liberal arts college can benefit from an experience in making and/or appreciating works of art. Therefore, none of either the studio or art history courses requires previous experience. It is suggested, however, that either (or both) Art 101—Visual Composition and Art 102—Drawing may be considered valuable as introductions to studio art.

The minor in art shall consist of Art 101, 102, 201, 420, 421, and 422.

101. Visual Composition—Fundamental concepts in the design or organization of pictures, as well as a development of sensitivity to various kinds of visual forms. Three semester hours.
102. Drawing—An introduction to basic drawing concepts through experimentation in various media. Three semester hours.
201. Painting—An introduction to elementary painting concepts and techniques in either oil or acrylic. Three semester hours.
301. Egg Tempera Painting—A study of the Medieval and Renaissance method of panel painting using egg yolk as a medium. The medium stresses precision and craftsmanship. Offered alternate years. Three semester hours.
302. Printmaking I—The making of relief prints, using wood and linoleum. Offered alternate years. Three semester hours.
303. Printmaking II—The making of intaglio prints, using such varied methods as etching, drypoint, and aquatint. Offered alternate years. Three semester hours.
304. Watercolor—An introduction to various techniques in landscape watercolor painting. Offered alternate years. Three semester hours.

305. Studio Workshop—An open studio course especially designed for those students interested in pursuing any art project or media not listed in the catalog. It also may be used by those desiring further, more intense work in a medium listed in the catalog. Three semester hours.
311. Art for Elementary Teachers—Designed to acquaint students certifying for elementary education with objectives, materials and procedures for the elementary school arts program. Not applicable towards art minor or Humanities-Art major. Three semester hours.
420. Art History—Prehistoric through Renaissance. A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
421. Art History—Baroque through Mid-Nineteenth Century. A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
422. Art History—Mid-Nineteenth Century through Mid-Twentieth Century. A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
423. Art History—Mid-Twentieth Century to Present. A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
490. Independent Study—Independent study in an area of Art agreed upon by the student and instructor. One to three semester hours.

## MUSIC

The Music Program proposes to promote understanding and enjoyment of music in the college at large and to provide specialized training for those who plan careers in music. 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, available upon request from the Sub-area of Fine Arts.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level X" requirements and present an acceptable senior recital. Students must be enrolled in vocal 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.

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, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

All Music Majors must pass Sophomore Barrier 299 at the end of the sophomore year.

The Music Minor includes Music 143-144, 145-146, 381 or 382 or 301, 363 and applied music distributed as follows: a primary area (attaining Level VI and passing "Proficiency 499"), a secondary area (attaining Level IV), and a vocal ensemble each semester".



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.** Theory of Music—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, sight-singing, and dictation. One semester hour each semester.

**243-244.** Theory of Music—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 in material similar to 145-146. One semester hour each semester.

**343.** Counterpoint—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours.

**344.** Orchestration—A survey of the musical instruments, their styles, historical practice, and use in ensembles. Prerequisite: Music 143-144. Three semester hours.

**385-386.** Form and Analysis—A study of the more advanced forms of music. Two semester hours each semester.

### **MUSIC LITERATURE AND HISTORY**

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

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

### **MUSIC EDUCATION**

**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 Children—Teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.

**452.** Methods and Materials for Youth—Philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.

**481.** Practicum in Church Music—Applied music experience in an approved church music program. Six semester hours.

### **CONDUCTING**

**363.** Beginning Conducting—Conducting patterns, elements of interpretation, and practice in sight-singing. 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.

### **SEMINARS**

**462.** Seminar—Seminars in specific areas of Music for advanced students in Voice Pedagogy, Piano Pedagogy, Composition, Accompanying, Hymnology, and Organ Literature. Two semester hours.

## **COMPREHENSIVE EVALUATIONS**

- 299. Sophomore Barrier**—Testing general accomplishment at the end of the second year of Music study. See Music Handbook for details of what is expected.
- 499. Senior Proficiency**—Testing general accomplishment in the Music Major's minor applied instrument or voice. Music Minors take Senior Proficiency in their major applied.

## **APPLIED MUSIC**

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ). 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 barrier.

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



## PIANO

- 110, 111-410, 411. Individual Instruction—For piano majors. One hour lesson per week. Two semester hours each semester.
150. Individual Instruction—For music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

## VOICE

104. Voice Class—Rudiments of vocal music, breathing, correct use of body muscles for breath 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. Individual Instruction—For voice majors. One hour lesson per week. Two semester hours each semester.
155. Individual Instruction—For music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

## ORGAN

- 118, 119-418, 419. Individual Instructions—For organ majors with a concentration on music for church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
160. Individual Instruction—For music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

## 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. Placement in an ensemble is determined by an audition.

- 131, 132-431, 432. Chorale—Mixed chorus studying representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four or five rehearsals per week. One semester hour.
- 135, 136-435, 436. Chamber Singers—A small mixed chorus of selected singers to study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One semester hour.
- 133, 134-433, 434. Milligan Concert Choir—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 106-107. Band—Instrumental ensemble that performs at school functions. One semester hour each semester.
108. Orchestra—Performance with the Johnson City Symphony Orchestra. All orchestral instrument performance possible: Strings, Woodwinds, Brass and Percussion. Supervised by Music Faculty. One rehearsal (2½ hr. Monday night) per week. One semester hour.

## 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 the language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous standing in a language to advanced standing in that language in Milligan College will be determined by scores on a placement test. Credit will be given to those students who find it necessary to take the first year of the language. Credit will also be given for the second year of the language if the student is proficient enough to pass the modern language examination.

## **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.

**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 edequivalent. Three semester hours each semester.

**311-312. Survey of French Literature**—A study of the literature of France from its beginnings 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, and written composition with a thorough review of pronunciation and grammar, followed by a survey of German literature from the Minnesaenger to the Twentieth Century. 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. 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 each semester.



#### **GREEK, HEBREW**

- 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.** Greek Readings—Rapid reading in Koine Greek including selections from Matthew, the Pastorals, Septuagint, papyri, Josephus, and Ignatius of Antioch. Three semester hours each semester.
- 231-232.** Greek Readings—Rapid reading in Koine Greek including selections from Mark, I Corinthians, Septuagint, papyri, Philo, and I Clement. Three semester hours each semester.



**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.

**301-302.** Advanced Spanish—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours each semester.

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

**312.** Survey of Spanish-American Literature—Reading of selections from the outstanding authors of several Spanish-American countries and some conversation and composition. Three 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, 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.

The major in philosophy consists of twenty-four semester hours which must include Philosophy 151, 301-302, 321, 401.

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 major or minor.

**101-102.** Introduction to Philosophy—An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached topically through the views of representative thinkers. Three semester hours each semester.

**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.

**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, value, 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 Philosophy 101 and 102 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—The sentential calculus, axiomatic discussion of Boolean algebras, 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.



## **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).
- 301. Business and Professional Speech—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.
- 346. Persuasion in Speech—Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.

### **Theatre Arts**

- 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—Emphasis in study on 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—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.
- 490. Readings in Drama—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatists. 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.



## Area of Professional Learning

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, 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.

### BUSINESS AND ECONOMICS

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: 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: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business and/or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A grade point of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours: Business Administration 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 by substituting six semester hours of a foreign language for six hours of electives.

### BUSINESS ADMINISTRATION

**211-212. Introductory Accounting**—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: Business Administration 211-212. Three semester hours each semester.



303. Principles of Insurance—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. 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.
311. Cost Accounting—A study of the methods of accounting for material labor, and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 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: Business Administration 211-212. 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.
361. Principles of Management—A study of the basic principles of management. Also considered are decision-making and the fundamental functions 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—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. 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. Three semester hours.
- 401-402. 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.
- 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, the estate taxes, gift taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.

## 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.



301. Corporation 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.
302. Financial Management—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
311. History of Economic Thought—A review of principle 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 (17th Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. 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.
415. International Economics—A study of international trading activity comprised of (1) The theory of international trade explaining the justification for trade, the direction, composition, and size of trade, and the gains from trade; (2) The international financial system and the balance of payments issue; (3) The role of the multinational corporation and national government policy in the international economic activity. Prerequisite: Economics 201-202. 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.
490. Problems in Business Administration—Supervised independent reading, research or field work in the areas of management, finance, marketing, advertising, accounting, or banking. Studies of special problems with written reports are required. Prerequisite: Approval of the instructor. One to three semester hours.

## SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. This curriculum consists of: Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; Bible 123-124; Economics 201-202; Psychology 155; two hours of Physical Education activity courses; and twenty hours of elective courses. Students with two years of high school typing need not take 131-132.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; and Mathematics 108.

Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and an accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

**131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.

**133-134. 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.

**241-242. 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.

**351-352. 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. Two semester hours each semester.

**471. Office Practice**—A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary, including the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, and the general office procedures. Three semester hours.

**472. Secretarial practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. 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 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 33 semester hours including the following courses: 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.

The above major with other education requirements 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: 203, 204 or 205 or 206, 208, 209, 301, 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 the following courses: 111, 211, 311, 411, Sociology 303, and Psychology 353.





111. **Personal Health**—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.
- 151M. **Men's Team Sports**—Active participation in such sports as basketball, volleyball, soccer, touch football, and team handball. One semester hour.
- 151W. **Women's Team Sports**—Active participation in such sports as field hockey, soccer, speedball, basketball, and volleyball. One semester hour.
153. **Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—Designed for non-swimmers. American Red Cross certification available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—Basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—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 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.
160. **Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
203. **Physical Education for Elementary Schools**—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**—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 Life Saving**—Designed primarily for those interested in pool and beach life-guarding. American Red Cross certification available for swimmer, advanced swimmer, and life saving. 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 (Men and Women)**—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—Basic skills and knowledge in movement education. The student selects emphasis on elementary or secondary educational level. Two semester hours.
211. Community Health—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.
- 300M. Teaching Team Sports for Men—Skills and techniques in teaching the common school team sports, including basketball, volleyball, soccer, and touch football. Two semester hours.
- 300W. Teaching Team Sports for Women—Skills and techniques in teaching the common school team sports for girls, including field hockey, speedball, volleyball, and basketball. Two semester hours.
301. Teaching Individual and Dual Sports—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
- 302M. Coaching and Officiating Team Sports for Men—Designed especially for the prospective coach and/or game official in football, basketball, baseball, and track and field. Three semester hours.
- 302W. Coaching and Officiating Team Sports for Women—Coaching materials, methods, techniques in volleyball, basketball, softball, field hockey, and lacrosse. National Association of Girls' and Women's Sports officials ratings given in volleyball and basketball. Three semester hours.
309. Applied Physical Education (or Health)—Available in specific area 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—Designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.
312. Introduction, History and Philosophy of Physical Education—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—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—Study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. Adaptive Physical Education—The 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.



## **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.

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 during the semester in which he is enrolled in Psychology 252. 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 2.25. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his adviser in his major teaching field. Final approval will be given by the committee on admissions in the education program.

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 percent 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.

Full accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level was granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

### **National Teachers Examination**

Students in the teacher program will be required to take the National Teachers 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 17 hours of credit during the student-teaching 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.

**Teacher Education Curricula****Required for the Elementary**

Language Arts	12 hours
Must include English 354 and a course in Speech	
Natural Science	12 hours
Humanities	14 hours
Must include Music 351 and Art 311	
Health and Physical Education	12 hours
Mathematics	6 hours
Social Science	12 hours
Professional Education	24 hours
Must include Education 231, 407, 411A, 412, 421, and Psychology 252, 404	

In addition to the above requirements, the student must present an academic major of his choosing. It is advised that the student consult with the Director of Teacher Education for help in the selection of his academic major.

**Required for the Secondary:**

The person wishing to certify for the Secondary must take, in addition to the core requirements:

Physical Education 111 or Sociology 303 and one hour of activity	
Mathematics 103	
Professional Education	24 hours
Must include Education 231, 407, 471, 472, 481 and Psychology 252, 404	

In addition an academic major and minor must be completed. If the student selects a major that is not approved by the state for certification, he should take sufficient hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music.

**Special Education**

Milligan College offers a special education curriculum in the learning disabilities category. Students will have practicum experiences with at least three of the following categories of children: learning disabled, mentally retarded, emotionally disturbed, and physically handicapped students.

The following courses are included in the curriculum.

Education 231—Psychology and Education of Exceptional Children
Education 432—Learning Problems of Exceptional Children
Education 433—Educational Procedures for Exceptional Children
Psychology 404—Educational Psychology
Education 411A—Teaching of Reading in Elementary School
Psychology 454—Introduction to Psychological Testing
Education 362—Basic Principles of Counseling
Education 434—Learning Disabilities Practicum

**Early Childhood**

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education curriculum in order to qualify the student for certification in early childhood education.

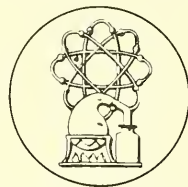
Education 441—Early Childhood Education
Education 442—Methods and Materials for Kindergarten
Education 443—Early Childhood Practicum

211. **Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three 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).
338. **Educational Sociology**—A study in the application of sociological findings to education. Three semester hours.
362. **Basic Principles of Counseling**—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied, and attention is given to promising counseling techniques. Three semester hours.
401. **Education and Occupational Information**—A course to provide students opportunity to study the nature of various careers. 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. Three semester hours each semester.





- 411A. Teaching of Reading—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.
421. Directed Teaching in the Elementary School—Teaching 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—The learning problems of Exceptional Children include reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. A beginning introduction to some of the diagnostic tests will be included. Three semester hours.
433. Educational Procedures for Exceptional Children—Students will have experience with behavior modification and techniques of working with children who have reading, arithmetic, auditory, visual or perceptual-motor problems. Students will write prescriptive programs for public school-aged students. Three semester hours.
434. Practicum in Learning Disabilities—The student will be required to do this student practicum in a learning disabilities classroom. Three semester hours.
441. Early Childhood Education—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, parent-teacher relationships will be emphasized. Two semester hours.
443. Early Childhood Practicum—A two-hours-a-day experience, lasting for one semester, in a student teaching experience at the early childhood level. Three student hours.
470. The Teaching of High School Reading—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three 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. Three semester hours.
481. Directed Teaching in the Secondary School—Teaching 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.



## Area of Scientific Learning

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

### 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 nor 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 301; and Mathematics 111 and 112, or 110.

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, or 110, with calculus recommended; and Physics 201 and 202.

The Bachelor of Science requirements for a student who intends to major in biology and teach in elementary school are: twenty-four hours in biology which must include 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 111-112, or 110.

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.

110. Human Biology—A study of fundamental biological concepts of particular relevance to mankind 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. (Fall, Summer).
120. Botany—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).



140. Zoology—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
210. Genetics—Fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours. (Spring).
220. Plant Taxonomy—Comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours. (Fall).
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. (Fall).
- 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, medical technology, 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. (Fall, Spring, Summer).



310. Cell Physiology—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301, or concurrent registration, and at least twelve hours of biology. Four semester hours. (Fall).
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. (Spring of odd numbered years).
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. Four semester hours. (Alternate years on demand).
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. Four semester hours. (Spring of odd numbered years).
350. Science for the Elementary School—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward a degree and who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours. (Spring, Summer).
360. Ecology—Relations between organisms and their environment, factors affecting plant and animal structures, behaviour and distribution, energy and material cycles, populations. Prerequisite: Biology 120, 140. Four semester hours. (Fall).
362. Vertebrate Field Biology—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Four semester hours. (Spring of even numbered years).
364. Limnology—A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachia Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Five semester hours. (Summer).
368. Field Biology—Any additional course(s) taken at the Mid-Appalachia Field Training and Research Center. Prerequisites: Biology 120 and 140. Four semester hours per course. (Summer).
380. Microbiology—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Permission of the instructor. Four semester hours. (Spring).
440. Endocrinology—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hours. (On demand).
490. Undergraduate 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. (Fall, Spring, Summer).

## 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 110 or 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, 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. (Fall).

**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. (Fall).

**301-302. Organic Chemistry**—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. (Fall, Summer).

**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 (Fall).

**311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours. (Spring of alternate years).

**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; Physics 201-202. Four semester hours each semester. (Fall).

**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. (Spring of alternate years).

**490. Undergraduate Research Problem**—Research on special problems in chemistry under the direct supervision of a faculty member. Prerequisite: twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

## 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.

A major in mathematics shall consist of thirty semester hours. A minor shall require twenty-four semester hours.

Students who exhibit adequate proficiency may receive credit for Math 111-112.

**103-104. Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the succeeding system by definition. Three semester hours each semester. (Fall, Spring, and Summer).



108. Business Mathematics—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. (Fall and Summer by demand).
110. Algebra and Trigonometry—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequences, inverse functions, and r. trigonometric equations. Five semester hours. (Summers by demand).
111. Algebra—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. (Fall).
112. Trigonometry—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours. (Spring).
201. Introduction to Computer Science—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours. (Fall, Spring and Summers, by demand).
209. Analytics and Calculus I—A study of functions, limits, derivatives, and integrals—their definition, calculation and application, transcendental functions, and the conics. Required of all math majors and minors. Six semester hours. (Fall).
210. Analytics and Calculus II—A study of indeterminate forms, Taylor's formula, infinite series, plane curves, three-dimensional analytic geometry, calculus of functions of several variables, and differential equations. Required of all math majors. Six semester hours. (Spring).
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. Four semester hours. (Fall, Spring, and Summers by demand).
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. Three semester hours. (Offered alternate years).
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 210. 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 210. Offered alternate years. Three semester hours.
411. Introduction to Analysis—Topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 210. 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.

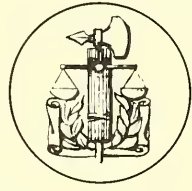
## PHYSICS

103. Physical Science—A study of a few concepts in physics and chemistry. Non-credit toward a major or minor in science. Four semester hours.
- 201-202. General Physics—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.





## Area of Social Learning



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 solution in terms of Christian ethics.

### ECONOMICS

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

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
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 415	International Economics
Economics 451	Comparative Economic Systems

### GEOGRAPHY

362. Geography of Latin America—A study of Latin America, emphasizing the general physical environment of each of the individual nations. In the treatment of each country a study is made of its social, economic, and cultural aspects. Three semester hours.
363. Geography of North America—A study of the social and economic characteristics of the United States and Canada. An attempt is made to relate the growth of these aspects to the environmental factors of the country. Three semester hours.

### GOVERNMENT

303. American Government—A study of the principles, structure, and functioning of the national, state, and local governments in the United States with emphasis upon current problems and their background. 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.
401. Comparative Government—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
402. Political Theory—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. 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.
- 450-451. Seminar in Pre-Law Studies—A survey of the various phases of American law with emphasis on the essential feature of each phase and the proper interpretation of its related legal terms. Three semester hours each semester.

## 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.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

History majors will advance toward the Bachelor of Arts degree.

History 309-310 is required for both the major and the minor.

223. History of Greece—An in-depth study of the Greek world from its foundation through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.
224. 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. Two semester hours.
- 301-302. Far Eastern Civilization—A study of the history and life of the peoples in Eastern Asia, the Chinese, the Japanese, and the Koreans, by analyzing their political, economic, and social institutions and evaluating their intellectual and aesthetic traditions. Three semester hours each semester.
- 303-304. Introduction to African Studies—An overview of African cultures and civilizations from earliest time to the present. Three semester hours each semester.
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.
308. Contemporary History—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. 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 to the social and economic life of the people of the United States. Three semester hours each semester.
311. History of Economic Thought—(See Economics 311).
312. Economic History of the United States—(See Economics 312).

313. Problems of Contemporary Civilization—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.
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—The story of England from the earliest times to the present, emphasizing the English constitutional development, 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 Reformation. Consideration is given to the causes, principles, and history of Protestantism. 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.
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.
- 403-404. Historiography—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
411. Civil War and Reconstruction—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.
412. Recent American History—A study of the political, economic, diplomatic, and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
421. History of the Ancient Near East—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.
423. Early and Medieval Islamic History—An analysis of Islam's origins, within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. 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. Three semester hours each semester.
- 441-442. Seminar Studies in History—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.
445. Historical Research—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.

## HUMAN RELATIONS

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. The major enables students to develop specialty programs in psychology, sociology, social agency administration, or youth agency leadership. For the B.S degree 36 hours are required; for the B.A. degree 27 hours with a foreign language are required. A major in human relations requires a program of 12 hours of core courses which are Psychology 155, 350 and Sociology 201, 303. A minor in human relations is 18 hours including 12 hours of core courses.

### SUB-AREA OF HUMAN RELATIONS

#### Core Courses

Psy. 155 (3 hours)	Soc. 201 (3 hours)
Psy. 350 (3 hours)	Soc. 303 (3 hours)

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Institutions	Track Four: Youth Leadership
Math 214	Math 214	Psy. 252	Soc. 314
		Soc. 311	H. & P.E. 409
Psy. 250	Soc. 201	Psy. 352	Soc. 426
Psy. 251	Soc. 210	Psy. 353	Soc. 452
Psy. 352	Soc. 301	Psy. 358	Soc. 491
Psy. 353	Soc. 311	Psy. 413	See the Sub-Area
Psy. 358	Soc. 314	Soc. 426	Chairman for Ad-
Psy. 360	Soc. 375	Soc. 491	viser Assignment
Psy. 401	Soc. 401		
Psy. 404	Soc. 403	Majors in Track	
Soc. 426	Soc. 413	Three are advised	
Psy. 452	Soc. 414	to minor in busi-	
Psy. 454	Soc. 421	ness administration.	
Psy. 456	Soc. 426		
Psy. 457	Soc. 490		
Psy. 490	Soc. 491		
Psy. 491			



## PSYCHOLOGY

The course-offerings in psychology are designed to meet the needs of those who are preparing for graduate study in psychology, as well as to serve students for whom psychology is one of the important dimensions of a liberal arts education. While our major orientation is Christian and Humanistic, a thorough understanding of the Behavioristic approach is believed to be essential.

In addition to courses prescribed in the human relations core, Mathematics 214, Psychology 250-251, Psychology 259, and Psychology 358 are required for the Major.

Those certifying to teach may substitute up to 8 hours of courses in Education for courses in psychology and may substitute Psychology 454 for Psychology 259.

**155. Psychology of Adjustment**—This is an introductory course emphasizing the psychologies of personality, motivation, adjustment, and learning. Many states require such a course for teacher certification. Psychology Majors and Minors who have had a high school course in Psychology may omit Psychology 155. Three semester hours.

**250-251. General Psychology**—A two-semester, mastery course, introducing the student to all the major areas of psychology, psychological statistics, and basic practicum in experimental and research methodology. Required of all Majors and Minors and a prerequisite for (or should be concurrent with) Psychology 259, and all 400-level courses. Three semester hours each semester.

**252. Developmental Psychology**—Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. This 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 the Psychology Area. In Education: Four semester hours. In Psychology: Three semester hours.

**259. Experimental Psychology**—Basic study of experimental methods and design with emphasis on laboratory and research applications, divided between lecture and laboratory sessions. Prerequisite: Mathematics 214. Four 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 Theory**—A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. Prerequisite: Psychology 250-251. 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. Advanced General Psychology**—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**—Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Not applicable toward Psychology Major or Minor, except for those certifying to teach. Three semester hours.



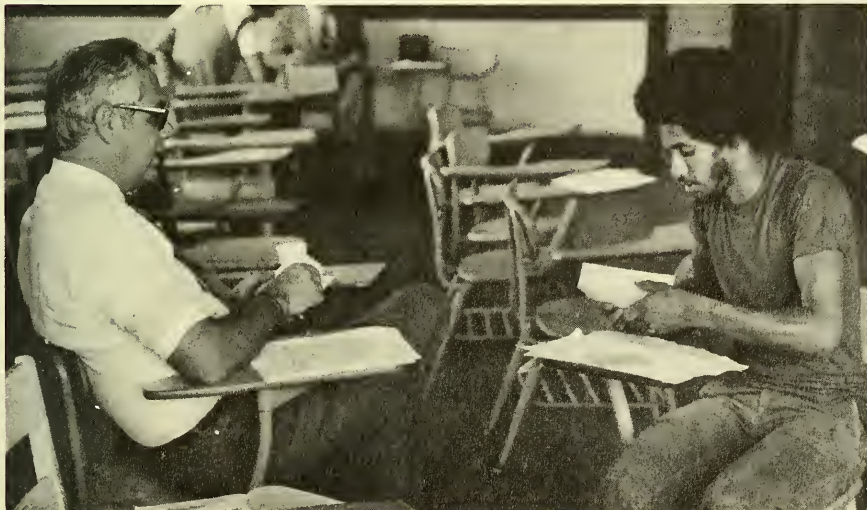
405. Theories of Learning—A course designed to acquaint the student with the major theories of learning and with their importance for educators and students. Three semester hours.
452. Pastoral Counseling—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.
454. Introduction to Psychological Testing—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 its communications with other disciplines. One to three semester hours.
458. Humanistic Psychology—A course in the concepts of man, mind, and basic human nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. 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 work as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.

## SOCIOLOGY

In addition to the human relations core courses, the track 2 (sociology) major must take Math. 214, Soc. 301, and Soc. 401.

201. Introduction to Sociology—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.
301. 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. Required of all majors in sociology. 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—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.
314. Race and Ethnic Relations—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 social studies. Three-semester hours.

360. Problems of Cross-Cultural Communication—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.
375. Dynamics of Culture Change—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.
401. Sociological Research—An introduction to the methods of data collecting and analysis; 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—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.
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 semester hours.



## THE INSTITUTE OF WORLD STUDIES/CHURCH GROWTH

The Institute aims to help the student understand those social, cultural, historical, political, economic, and psychological factors which tend to block, distort, or facilitate the communication of the Gospel across the cultural boundaries, so that he may become an effective servant of Christ. While the Institute is designed primarily for those students who plan to do Christian work in cultural settings different from their own, courses will also be open to those who expect to work among a variety of subcultures in their home country.

In order to fulfill the aims of the program, courses make use of data, concepts, and methods of sociology, anthropology, and other disciplines which are relevant to an understanding of church growth and of the cultural processes which affect the communication of the Gospel. But the focus throughout will not be on these disciplines per se, but on their use as tools of understanding and service.

The Institute is comprised of five divisions: Undergraduate, Graduate, Continuing Education for Missionaries, Church Growth Consultations, and Publications.

**UNDERGRADUATE** division leads to the B.A. from Milligan College with a major or minor in world studies. It is an interdisciplinary program with core courses in anthropology, sociology, missions, and other fields. It is designed for students interested in pursuing an international career, whether or not in formal missionary work, as a means of serving Christ. A variety of other majors and minors permits a highly individualized program designed for each student.

**GRADUATE** division leads either to the M.A. in Religion (2 years) or the M.Div. (3 years) from Emmanuel School of Religion. Applicants are expected to meet the entrance requirements of Emmanuel and to fulfill the normal general requirements for the desired degree. The flexible program enables each student to take 24 semester hours in a chosen field of concentration. Core courses include: Introduction to Church Growth, Theology and Mission, Anthropology and Mission, Societal Models and Church Growth, Problems of Cross-Cultural Communication, Methods of Church Growth Research, and Colloquy in Missiology. A thesis is required for each degree. Additional courses, either in the Institute or in the other divisions of Emmanuel, are available as relevant electives.

The division of **CONTINUING EDUCATION FOR MISSIONARIES** offers short-term (2-3 weeks) intensive courses, mainly during the summer, either on campus in Tennessee or at various places around the world as arrangements can be made.

The division of **CHURCH GROWTH CONSULTATIONS** makes the faculty available to churches and missions for consultation.

The division of **PUBLICATIONS** publishes the **Milligan Missiogram**, a quarterly designed to give quick outlet for missiological articles of significance. Other publications will follow from time to time.

## COURSES OF INSTRUCTION IN THE UNDERGRADUATE DIVISION

### TRACK I

The major in world studies leading to a B.A. consists of twenty-four semester hours plus a foreign language.

**Option 1** Designed for the pre-seminary missionary preparation. The student will also major in Bible.

**Option 2** Designed for any international career. No minor is specified.

### Core Curriculum for the major in world studies:

Soc. 210 Introduction to Cultural Anthropology

Bib. 270 Introduction to Christian Mission

Hist. 313 Problems of Contemporary Civilization



- Soc. 375 Dynamics of Cultural Change
- Gov. 401 Comparative Government
- Soc. 421 Sociology of Religion
- WS 400 Area Studies through Reading and Conference.

Extensive reading in one of the following geographical areas: Africa, Asia, or Latin America. May be repeated up to six semester hours.

## **TRACK II**

The minor in world studies consists of eighteen hours and is designed for the student interested in exploring the international dimensions of the educational process, while majoring in a specific discipline.

### **Core curriculum for the minor in world studies:**

- Soc. 210 Introduction to Cultural Anthropology
- Hist. 313 Problems of Contemporary Civilization
- Soc. 375 Dynamics of Cultural Change
- Gov. 401 Comparative Government
- WS 400 Area Studies through Reading and Conference

Extensive reading in one of the following three geographical areas: Africa, Asia, or Latin America. May be repeated up to six semester hours.

## **COURSES OF INSTRUCTION IN THE GRADUATE DIVISION**

- CMG 501** Introduction to Church Growth—An introductory survey of "Church growth thinking" giving due consideration to the biblical basis, principles and procedures, and strategic aspects of church growth. Three semester hours.
- CMG 531** Theology and Mission—A study of approaches to the relevance of theology to mission: as rationale for mission, as process of mission, or as outcome of mission. Three semester hours.
- CMG 541** Anthropology and Mission—A study of anthropological data, concepts and methods, and their application to mission. Three semester hours.
- CMG 601** Societal Models and Church Growth—A survey of societal models and case studies to explain the relationship of the types of society to church growth. Three semester hours.
- CMG 611** Problems of Cross-Cultural Communication—A study of those aspects of culture which pose most problems for the effective and accurate communication of Christian concepts and attitudes across cultural boundaries. Three semester hours.
- CMG 621** Methods of Church Growth Research—An investigation of various methods of research to delineate the factors both functional and dysfunctional to church growth in a given society. Three semester hours.
- CMG 701** Colloquy in Missiology—A seminar to aid the student in integrating the various aspects of current missiological studies. Three semester hours.

Other courses are available through Emmanuel School of Religion.

# CURRENT STATISTICS





## CURRENT STATISTICS

### 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 La Rue 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 Lee Ann McCormick Memorial 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 A. F. Cochran Memorial Fund  
 The Purpose of Man Award 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. Cranell Memorial Fund

The Myrtle C. King Memorial 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. Shoun Memorial Fund

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan College, Tennessee 37682.

### Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the school 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 49th Street Christian Church, Indianapolis, Indiana—Dr. C.  
 Robert Wetzel  
 First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison  
 First Christian Church, Chicago, Illinois: THE DEAN E. WALKER CHAIR  
 OF CHURCH HISTORY—Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.

### The P. H. Welsheimer Lectures

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

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

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

1958	Dr. W. R. Walker
1959	Dr. Ard Hoven
1960	No lecturer
1961	Dr. R. M. Bell
1962	No lecturer
1963	Dr. James H. Jauncey
1964	Dr. J. D. Murch
1965	No lecturer
1966	Marshall Leggett
1967	Dr. John Baird
1968	Dr. James G. Van Buren
1969	No lecturer
1970	No lecturer
1971	No lecturer
1972	Dr. Joseph H. Dampier
1973	Mildred Welsheimer Phillips
1974	Milligan College Faculty
1975	Clarence Greenleaf

## 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, and Dr. S. Scott Barchy.

### MILLIGAN COLLEGE CALENDAR

#### Fall Semester 1976

Dorms Open to Freshmen .....	August 21
Conference for Parents of Freshmen .....	August 21
Freshmen Orientation .....	August 22, 23
Faculty Conference .....	August 23
Freshmen and Transfer Reception .....	August 27
Dorms Open to Upperclassmen .....	August 23
Registration (Freshmen and Transfers) .....	August 24
Registration (Upperclassmen and Transfers) .....	August 25
Classes Begin .....	August 26
Fall Convocation .....	August 26
Matriculation .....	August 27
Fall Break .....	5:00 p.m. Oct. 6 to 8:00 a.m. Oct. 12
Founder's Day .....	November 12-13
Thanksgiving Holidays .....	5:00 p.m. Nov. 24 to 8:00 a.m. Nov. 29
Final Examinations .....	December 13-17

#### Spring Semester

New Student Orientation .....	January 10
Registration .....	January 11, 12
Classes Begin .....	January 13
Spring Break .....	Noon March 11 to 8:00 a.m. March 21
Awards Dinner .....	April 28
Final Examinations .....	May 9-13
Baccalaureate and Commencement .....	May 15



# THE MILLIGAN COMMUNITY





## 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 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 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.

### TRUSTEES, JANUARY, 1976

Robert E. Banks, Secretary, Attorney, Elizabethton, Tennessee  
Russell F. Blowers, Minister, East 49th Street Christian Church, Indianapolis, Indiana  
Samuel C. Bower, Vice Chairman, Physician, Mill Hall, Pennsylvania  
James Burleson, Vice President and Trust Officer, Hamilton National Bank, Johnson City, Tennessee  
Theodore Cord, Minister, Austin Park Christian Church, El Paso, Texas  
John Davis, Executive, Delta Airlines, East Point, Georgia  
Henry Gruenberg, Retired, Flanagan, Illinois and North Miami, Florida  
Howard Hauser, President, Oaklandon Sales Company, Indianapolis, Indiana  
Ard Hoven, Minister, First Christian Church, Columbus, Indiana  
Steve Lacy, Real Estate Development, Johnson City, Tennessee  
Leslie L. Lumsden, Retired, Punta Gorda, Florida  
Howard C. McCorkle, Retired, Johnson City, Tennessee  
Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee  
Jack R. Musick, Treasurer, Judge, First Judicial District of Tennessee, Elizabethton, Tennessee  
Wade Patrick, President, Johnson City Transit Company, Johnson City, Tennessee  
Mrs. B. D. Phillips, Chairman, Educator and Church Woman, Butler, Pennsylvania  
W. V. Ramsey, Businessman, Mountain City, Tennessee  
Ralph Small, Executive Editor, Standard Publishing Company, Cincinnati, Ohio  
Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee  
Roy True, Public Accountant, Johnson City, Tennessee  
George Walker, Insurance Executive, Canton, Ohio  
Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

### TRUSTEES EMERITI

Jack Covington, Contractor, Winston-Salem, North Carolina  
W. H. MacDonald, Retired Public Accountant, Johnson City, Tennessee  
John U. Phelps, Minister, Clemmons, North Carolina  
James L. Tarwater, Executive, Roane Hosiery Mills, Harriman, Tennessee

### ADVISERS, JANUARY, 1976

Ron Adams, Businessman, Las Vegas, Nevada  
Charles E. Allen, Physician, Johnson City, Tennessee  
Sylvan Amstutz, Businessman, Orrville, Ohio  
William Anderson, Minister, East Unaka Church of Christ, Johnson City, Tennessee



John Autry, Minister, White Oak Christian Church, Cincinnati, Ohio  
James Barton, Minister, First Christian Church, Nashville, Tennessee  
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee  
Melvin Bryant, Minister, First Christian Church, Salem, Missouri  
Wade Bunting, Director Gilford County Juvenile Detention Home, Greensboro, North Carolina  
Laurel Carr, Vice President, Bell Company, Chicago, Illinois  
William S. Carter, Businessman and Philanthropist, Dallas, Texas  
Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois  
E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio  
Jordan Crouch, Executive Vice President & Secretary, Nevada Bankers Association, Reno, Nevada  
Horace (Butch) Dabney, Central Office Supply Co., Inc., Louisville, Kentucky  
Glen Daugherty, Minister, Mt. Bethel Christian Church, Limestone, Tennessee  
Doug Deller, Agriculture, Angola, Indiana  
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida  
Jack Gilbert, Accountant, Allison Division, General Motors, Indianapolis, Indiana  
Harry J. Guion, Insurance Agent, Indianapolis, Indiana  
John Hart, Retired, Locust Dale, Virginia  
Henry Hill, Minister, Ben Davis Christian Church, Indianapolis, Indiana  
W. E. Hyder, Retired, General Mills, Johnson City, Tennessee  
E. P. (Penny) Jones, Executive, Boy Scouts of America, Atlanta, Georgia  
Robert L. Kroh, Minister, Central Christian Church, Las Vegas, Nevada  
James Landrum, Minister, First Christian Church, Norfolk, Nebraska  
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky  
Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania  
Kent E. McQuiston, Accountant, Indianapolis, Indiana  
James H. Magness, Vice President and Loan Officer, The Forest Hill State Bank, Forest Hill, Maryland  
David Marler, Chaplain, Veteran's Administration, Indianapolis, Indiana  
Galer Miller, Businessman, Greenwood, Indiana  
Tracey Miller, Minister, First Christian Church, Erwin, Tennessee  
Warren Miller, Medical Resident, Indianapolis, Indiana  
John Mills, Minister, First Christian Church, Chicago, Illinois  
Thomas E. Mock, Assistant Vice President, American Fletcher National Bank, Oaklandon, Indiana  
John Newman, Businessman, Brownsburg, Kentucky  
William O. Norris, Minister, Christian Church, Wellsburg, West Virginia  
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana  
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida  
Walter Puckett, Campus Minister, Indiana State University, Terre Haute, Indiana  
David Pugh, Teacher, Howe High School, Indianapolis, Indiana  
Lucian Robinson, Minister, Woodland Heights Christian Church, Crawfordsville, Indiana  
Robert Robinson, Businessman, Brownsburg, Indiana  
Goffery Salyer, Business-Mining, Elkhorn City, Kentucky  
Donald Sams, Minister, Christian Church, High Point, North Carolina  
Allen Sharp, U. S. District Court Judge, Indianapolis, Indiana  
Robert W. Shaw, Minister, First Christian Church, Miami, Florida  
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee  
Tim Stevens, Student, Princeton, New Jersey  
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee  
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia  
Thomas L. Tatham, Attorney, Miami, Florida  
M. E. Thornton, Director, Market Development, Colgate-Palmolive Company, New York, New York  
Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania  
Elgin Wollman, Executive, Society for Visual Education, Chicago, Illinois  
Harold Zimmerman, Maintenance Engineer, Allison Division, General Motors, Indianapolis, Indiana

## **Administration**

JESS W. JOHNSON, President (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.

PAUL BADER, Student Enlistment Officer (1976)

B.S., Milligan College; St. Louis Christian College.

PAUL A. CLARK, Dean of Students and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

DALE CLAYTON, Financial Aids Officer (1973)

B.A., Milligan College.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

LAWRENCE E. HUFF, Student Enlistment Officer (1973)

B.A., Milligan College; Emmanuel School of Religion.

RODNEY D. IRVIN, Director of Communications (1972)

B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)

B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., Milligan College.

B. J. MOORE, Business Manager (1965)

B.S., East Tennessee State University.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 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 Tomas (P.I.); George Washington University; Western Reserve 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, Director of Development (1971)

B.A., Cincinnati Bible Seminary.

PHILLIP A. WORRELL, Director of Student Enlistment (1969)

B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

## **Professors**

PAUL A. CLARK, Chairman, Area of Professional Learning and 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, 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.

\*ROBERT O. FIFE, Chairman, Area of Social Learning and Professor of History (1954)

\*On leave of absence.

- 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., Vanderbilt University.
- DENNIS HELSABECK, Professor of Counseling and Director of Admissions (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., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration (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.
- 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.
- HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)  
B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.
- 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.
- 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.
- C. ROBERT WETZEL, Professor of Philosophy (1961)  
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

#### Associate Professors

- PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)  
B.A., Milligan College; M.D., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles; Highland University.
- 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.
- 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.
- CHARLES W. GEE, Associate Professor of Biology and Education (1967)  
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Associate Professor of Bible (1964)  
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati.
- 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; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University; University of Tennessee.
- ROY HAMPTON, Associate Professor of Mathematics (1963)  
B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee; East Tennessee State University; John Hopkins University; University of Kansas; Columbia University; Clark College.
- JUANITA JONES, Associate Professor of English (1968)  
B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Associate Professor of Biology (1969)  
B.A., M.A., Baylor University; Ph.D., Texas A & M University.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)  
B.A., University of Wisconsin; Ph.D., Iowa State University.
- JOHN L. MORRISON, Associate Professor of Education (1968)  
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford 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.
- RICHARD PHILLIPS, Associate 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.
- IRA READ, Associate Professor of History (1967)  
B.A., Milligan College; M.A., Ph.D., Emory University.



DONALD RAYMOND SHAFFER, Associate Professor of German (1963-68, 1973)  
B.A., Albion College; M.A., Indiana University; Michigan State University;  
Cincinnati Bible Seminary; East Tennessee State University; Universität  
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 (1951-52, 1968)  
B.A., University of Kansas; B.D., Butler University; University of Birmingham,  
England; University of Tuebingen, Germany.

CHARLES R. TABER, Associate Professor of Anthropology (1973)  
B.A., Bryan College; M.A., Ph.D., Hartford Seminary Foundation.

GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)  
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.

WILLIAM H. WRIGHT, Associate Professor of Art (1973)  
B.F.A., M.F.A., University of Kansas.

### Assistant Professors

JAMES BALCH, Assistant Professor of Mathematics (1972)  
B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.

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

JACK L. KNOWLES, Assistant Professor of English (1970)  
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.

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

WAYNE E. MILLER, Assistant Professor of Business Administration (1975)  
B.S., East Tennessee State University; M.A., University of Kentucky.

EDWIN S. NELSON, Assistant 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.

DAVID R. RUNNER, Assistant Professor of Music (1972)  
B.Mus., Boise State College; M.Mus., University of Rochester.

JOHN C. WAKEFIELD, Assistant Professor of Music (1974)  
B.A., MacMurray College; M.M., Northwestern University; Yale University.

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

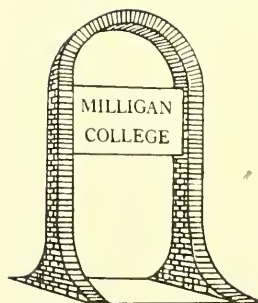
PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)  
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent  
State University.





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