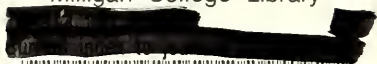
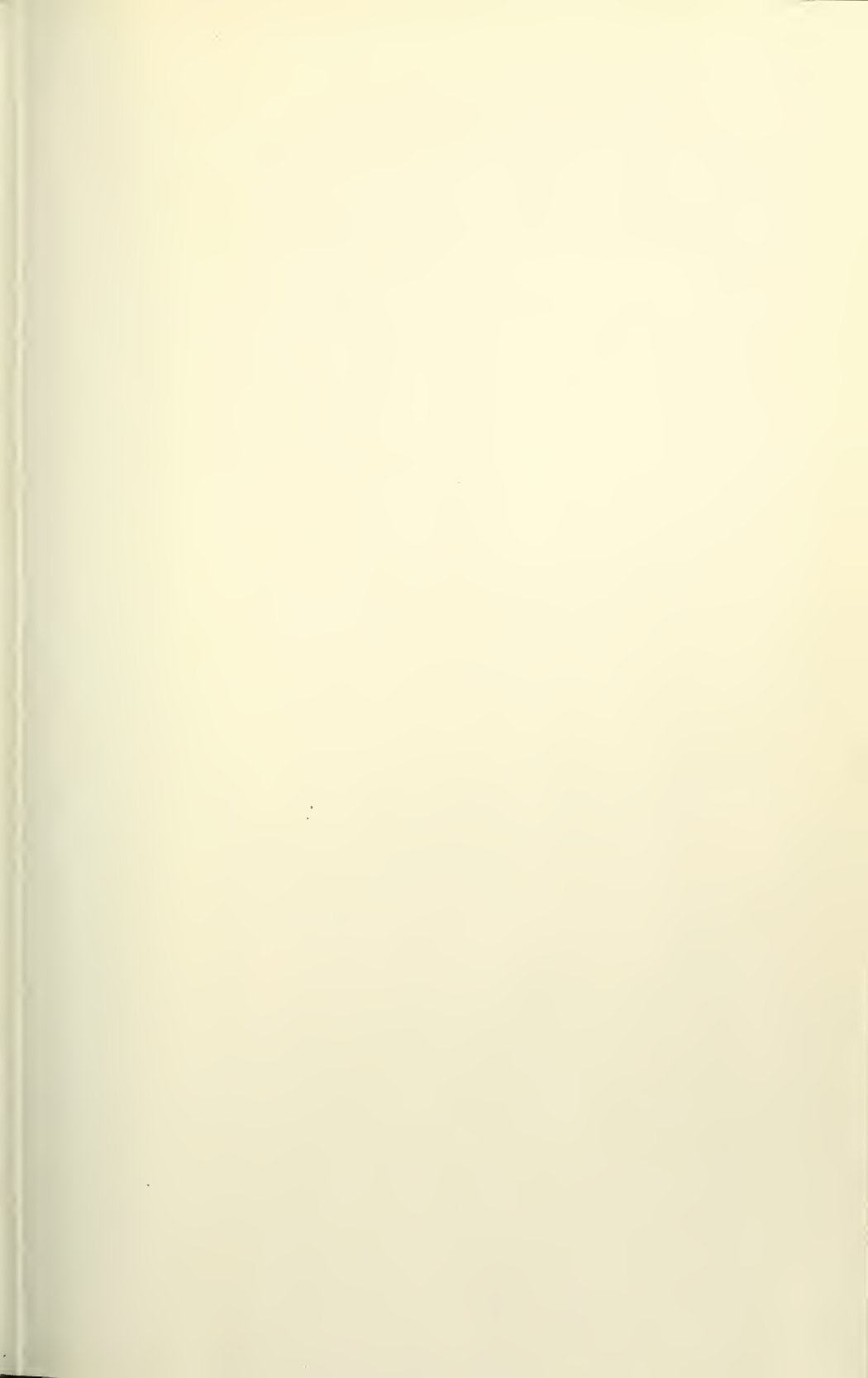


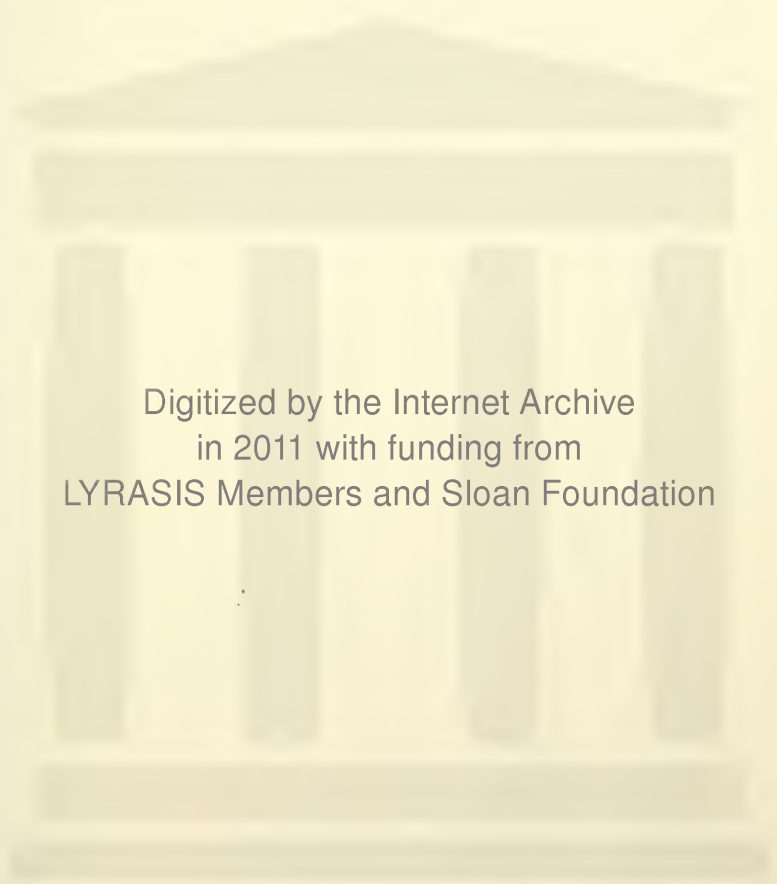
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John W. Wells

MILLIGAN COLLEGE

MILLIGAN COLLEGE, TENNESSEE

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MILLIGAN COLLEGE, TENNESSEE

Vol. LXXXIV

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No. 2

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Announcements for 1965-66

EIGHTY-FOURTH YEAR

Entered as second class matter at the Post Office at Milligan College, Tennessee, under Acts of Congress, August 24, 1912.

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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 Secondary Schools.

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 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.

Milligan is eligible to receive veterans under the provisions of Public Law 16 and Public Law 346 of the 78th Congress, Public Law 550 of the 82nd Congress, and Public Law 894 of the 81st Congress (disabled veterans). Milligan College is also qualified to accept students under the provisions of Public Law 634 (War Orphan's Law) of the 84th Congress.

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

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THE NATURE OF THE COLLEGE

HERITAGE

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self government prior to the Declaration of Independence. In the vicinity of Milligan College American troops assembled for the march to King's Mountain. The campus is located at the head of the Happy Valley Plantation. Toward the west are the homes of John Sevier and John Tipton. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus.

The present campus of Milligan College occupies the site on which freedom-loving people established a school in the third decade of the nineteenth century. This school was conducted in the old Buffalo log church.

In December, 1866, under the leadership of Wilson G. Barker, the Buffalo Male and Female Institute was chartered by the state of Tennessee.

Josephus Hopwood became head of this academy in 1875. The academy possessed at that time an acre of ground and a two-story brick building with a room on each floor.

In 1881, President Hopwood laid the cornerstone for a new brick 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 in honor of Professor Robert Milligan of Kentucky University (Transylvania); President Hopwood regarded Professor Milligan as the embodiment of Christian scholarship and 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

Heritage

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."

Following the resignation of President Hopwood in 1903, Henry Garrett, Dr. Frederick D. Kershner, Tyler E. Utterback, Everett W. McDiarmid, and Dr. James T. McKissick carried the College through the difficult period up to the First World War. The campus expanded. The principle was firmly established that only a faculty frankly committed to the principles of Christian education were qualified to undertake the aims for which the College had been established.

In 1913 George W. Hardin, a member of the Board of Trustees, built the dormitory bearing his name. The following year, Josephus Hopwood was recalled for another term of two years as president. In 1915 the College suffered the loss by fire of the men's dormitory, Mee Hall.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan College. The following spring the administration building burned. President Derthick succeeded in replacing the old building with the present structure. He enlisted the interest of Mr. and Mrs. Calvin Pardee, who built the women's dormitory which bears their name. He secured the interest of Joel Cheek, proprietor of the Maxwell House at Nashville, to build the Cheek Activity building. The campus was enlarged to some eighty acres. President and Mrs. Derthick served uniquely in preserving through all this activity the academic and spiritual insight of the founders. The integrity of a graduate of Milligan College came to be taken for granted. During the twenty-three years of service of President and Mrs. Derthick, the College made notable

contribution to the culture of the Southern Highlands. This contribution was made possible by the support of many patrons living at a considerable distance from 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 President 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 transition from military to civilian competencies. With patience and insight Milligan College reaffirmed the educational purposes of her tradition.

Dr. Dean E. Walker became president in January, 1950. 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. A Student Union Building, erected largely through volunteer labor and fund solicitation by the students, was added to the campus in the fall of 1953. A financial program was undertaken to stabilize the College. The endowment was increased by more than thirty-five percent. A bequest by W. T. Anglin, an alumnus of Holdenville, Oklahoma, and contributions from the alumni and trustees accounted for this growth. By mid-1960 substantial results had been achieved. The endowment was increased to above three times its value ten years previously. Through the foresight and generosity of Mrs. Nanye Bishop Sutton of Radford, Virginia, a new women's dormitory, Sutton Memorial Hall, was dedicated in the fall of 1956. The Crouch Memorial Building, a renovated building at the entrance of the campus, was dedicated in memory of W. P. Crouch, father of Dr. Owen Crouch. Webb Memorial

Heritage

Hall, the men's dormitory named for Webb Sutton, was completed in January, 1960. During the summer and fall of 1960 Pardee Hall was completely renovated as a dormitory for women. Friends of the College, mostly in Johnson City and the local area, funded the long standing debt of the College in the fall of 1960. The P. H. Welshimer Memorial Library was dedicated November 24, 1961. It 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.

During the past decade, measures have been taken toward revision of the curriculum and toward improvement of teaching and learning, with a view to move more effectively toward quality education. 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 Secondary Schools.

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-denomination 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 the 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 fellow men.

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 distinguishing 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 conception 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

Character

gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

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

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the 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?" That is, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses to itself 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 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 four 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 fellow-men, 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.

Specific Objectives

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.

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 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 Council for Academic Life, whose responsibility it is to determine curricula and 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

Bible

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.

A major in Bible shall consist of thirty-four semester hours including the following: Bible 123-124, 201-202 or 303-304, 301-302; Christian Vocations 261-262 or 375-376; and History 341-342 and 431-432.

A minor shall consist of eighteen hours to be arranged.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN BIBLE AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Bible 123	3	Bible 124	3
History 113 or 115	3	History 114 or 116	3
Biology 111 or Chemistry 101	4	Biology 112 or Chemistry 102	4
Mathematics 101 or 111	3	Mathematics 102 or 112	3
Health and Physical Education 101	1	Health and Physical Education 102	1
	<hr/>		<hr/>
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 304	3	English 202 or 305	3
Bible 201 or 303	3	Bible 202 or 304	3
Psychology 156	3	Psychology 152	3
History 203	3	History 204	3
Greek 111	3	Greek 112	3
Health and Physical Education 201	1	Health and Physical Education 202	1
	<hr/>		<hr/>
	16		16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Economics 201	3	Economics 202	3
History 341	3	History 342	3
Greek 211	3	Greek 212	3
Speech 201	3	Speech 202	3
Sociology 301	3	Christian Vocation 352 or 376	3
Christian Vocation 351 or 375	3	Elective	3
	—		—
	18		18

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Bible 201, 203, 411, or 313	3	Bible 202, 204, 412, or 314	3
Bible 301	3	Bible 302	3
History 431	3	History 432	3
Philosophy 101 or 301	3	Philosophy 102 or 302	3
Electives	6	Electives	6
	—		—
	18		18

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.

201-202—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. Alternate years. Three semester hours.

303-304—THE BOOK OF ACTS—A study of Acts with emphasis upon the establishment and extension of the Church. Alternate years. Three semester hours.

313-314—PASTORAL EPISTLES — HEBREWS AND GENERAL EPISTLES—An exegetical examination of the

Bible

Pastoral Epistles and Hebrews during the first semester and the General Epistles during the second. Alternate years. Three semester hours.

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

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.

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.

CHRISTIAN EDUCATION

In preparation for the ministry of Christian Education, the following courses are being offered:

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. Two semester hours.

262—PRINCIPLES OF CHRISTIAN TEACHING—A study of the teaching objectives of Jesus; objectives of Christian education and principles of Christian teaching. Consideration will be given to the learning process and the teaching techniques necessary for effective learning. Three semester hours.

Christian Education:

270—HISTORY OF CHRISTIAN MISSIONS—A survey of the beginning and progress of Missions since the beginning of Christianity. Three semester hours.

276—HOMILETICS—A study of the theory and art of preaching. Two semester hours.

304—CHRISTIAN EDUCATION OF CHILDREN—A study of the development, capacities and training of the child from birth to adolescence. Emphasis is placed on the additional opportunities for teaching children such as DVBS, Graded Worship, and Expressional Groups. Three semester hours.

305—CHRISTIAN EDUCATION OF YOUTH—The study of the psychological and psychological development of the youth with emphasis given to his Christian education. Special studies of youth materials and programs, including the summer camp programs, will be made. 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.

401—ORGANIZATION AND ADMINISTRATION OF CHRISTIAN EDUCATION—A study will be made of the educational organizations and activities of a church including Bible School, Evening training program, leadership training program, and men and women's organizations. Three semester hours.

402—HISTORY AND PHILOSOPHY OF CHRISTIAN EDUCATION—A detailed study will be made of religious education developments in both Old and New Testaments and during medieval and modern times. Various philosophies of education will be studied in light of their relationship to Christian Education. Three semester hours.

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. Three 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; for after all, 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 can be taken in the fields of English, philosophy, psychology and music. A minor can be taken in French, Greek, Spanish, German and 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. Two semester hours.

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Studio problems based upon individual student's experience and skill. Two semester hours.

211A—CRAFTS—Projects suitable for use in classroom, vacation school, playground, summer camp, and scout and church recreation programs for elementary school age children. Two semester hours.

211B—CRAFTS—Craft study emphasizing design and expression through creative problems. Two semester hours.

212—LETTERING—Forming and shaping letters and use of pens, brushes, and drawing instruments. Problems in lettering arrangement include signs and posters. Two semester hours.

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint the elementary education student with objectives, materials, and methods for elementary school art program. Laboratory experiences, reading, and discussion. Three semester hours.

320—ART APPRECIATION—An introduction to sculpture, architecture, painting, and the minor arts. Three semester hours.

420—ART HISTORY: PREHISTORIC THROUGH RENAISSANCE—A survey of sculpture, architecture, painting, and the minor arts. Three semester hours.

421—ART HISTORY: 17th CENTURY THROUGH CONTEMPORARY—Continuation of 420. Prerequisite: Art 420. Three semester hours.

English

The aims of the field of English are to teach the student to hear and write clearly and effectively, to read with appreciation and enjoyment, to acquire a knowledge of the major literary work in English, and to construct intelligent standards for the critical evaluation of literature and the recognition of main trends.

The major in English consists of thirty semester hours which must include English 111-112, 201-202, 304-305, 311, and 462. 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.

The minor consists of English 111-112, 201-202, 304-305, and six hours of electives on the junior or senior level.

English

SUGGESTED COURSE OF STUDY FOR A MAJOR IN
ENGLISH AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Foreign Language	3	Foreign Language	3
History 113	3	History 114	3
Science	4	Science	4
Bible 123	3	Bible 124	3
Health and Physical Education 101	1	Health and Physical Education 102	1
—		—	
17		17	

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201	3	English 202	3
Foreign Language	3	Foreign Language	3
History 203	3	History 204	3
Mathematics	3	Mathematics	3
Psychology	3	Psychology	3
Health and Physical Education 201	1	Health and Physical Education 202	1
—		—	
16		16	

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 304	3	English 305	3
Junior level course in English	3	Junior level course in English	3
A course in the Minor	3	A course in the Minor	3
A course in Philosophy	3	A course in Philosophy	3
Elective	3	Elective	3
—		—	
15		15	

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Senior level course in English	3	English 462	3
English 311	3	A course in Music	2
A course in Music	2	A course in Sociology	3
A course in Art	2	Electives	9
Electives	7	—	
—		17	
17			

English

111-112—ENGLISH—A six-hour course covering two semesters. Instruction and practice in the correct use of the English language as the basic tool of communication; grammar, vocabulary building, techniques of research, analytical reading for comprehension and appreciation, and the forms and skills of composition. Required of all freshmen.

201-202—SURVEY OF ENGLISH LITERATURE—A study of the life and literature of the English people with special attention to the writings of the major authors. Collateral reading in the English novel. Three semester hours.

301—THE ROMANTIC MOVEMENT IN POETRY—A study of the ideals and works of Gray, Thomson, Cowper, Blake, Burns, Wordsworth, Coleridge, Shelley, Byron, and Keats. Alternate years. Three semester hours.

302—VICTORIAN LITERATURE—A study of the social, scientific, literary, and religious ideals of the Victorian period as represented in Newman, Macaulay, Carlyle, Ruskin, Arnold, Huxley, and the poetry of Tennyson and Browning. Alternate years. Three semester hours.

304-305—SURVEY OF AMERICAN LITERATURE—A study of the life and literature of the American people with special attention to the writings of the major authors. Collateral reading in the American novel. Three semester hours.

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. Alternate years. Three semester hours.

354—CHILDREN'S LITERATURE—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Not applicable toward a major or minor. Three semester hours.

Speech

355—LITERATURE AND PSYCHOLOGY—(See psychology 355)

361-362—THE NOVEL—A study of the history and development of the novel as a literary type with special emphasis on the British novel the first semester and the American novel the second semester. Alternate years. Three semester hours.

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

402—THE SHORT STORY—A study of the development of the short story, with some attention to creative writing. Three semester hours.

431—MILTON—A study of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, and the lyrics. Collateral reading in Milton's prose works and other seventeenth century authors. Alternate years. Three semester hours.

433—THE EIGHTEENTH CENTURY—A study of the rise and decline of Neo-Classicism with an emphasis on the writings of Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

462—SHAKESPEARE AND ELIZABETHAN DRAMA—A close study of ten plays of Shakespeare together with the study of one work of his leading contemporaries, Kyd, Marlowe, Johnson, and Webster. Three semester hours.

Speech

201-202—ELEMENTARY 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.

301-302—PLAY PRODUCTION—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. Prerequisite to participation in a play and leading to the award of a letter.

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.

A minor in language consists of eighteen semester hours in one language.

No credit for the 111-112 course in a language will be given students possessing two high school units in that language.

FRENCH

111-112—ELEMENTARY FRENCH—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three semester hours.

211-212—INTERMEDIATE FRENCH—The reading of prose, with grammar review, oral, written and conversational drill. Three semester hours.

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.

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.

GERMAN

111-112—ELEMENTARY GERMAN—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple German. Three semester hours.

Foreign Languages

211-212—INTERMEDIATE GERMAN—The reading of prose and poetry selected to develop a broad appreciation of German literature and song, with grammar review and written and conversational work. Three semester hours.

301-302—ADVANCED GERMAN—Selected studies from German literature, with some conversation and composition. Prerequisite: German 211-212. Three semester hours.

GREEK

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.

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.

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.

HEBREW

311-312—ELEMENTARY HEBREW—A study of the principles of Biblical Hebrew grammar, acquisition of a vocabulary, daily drill in the writing of sentences and the reading of the simpler passages in the Old Testament. Three semester hours.

411-412—INTERMEDIATE HEBREW—A more advanced study of Hebrew syntax, together with reading (and some exegesis) of more difficult selections from the Old Testament. Three semester hours.

LATIN

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

Music

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

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

SPANISH

111-112—ELEMENTARY SPANISH—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three semester hours.

211-212—INTERMEDIATE SPANISH—Reading of prose with grammar review and conversational drill. Three semester hours.

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

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

Milligan College offers majors in music education and church music for the Bachelor of Arts degree. A minor may also be elected in music.

All students pursuing a curriculum in music will participate in the Choir each semester with or without credit. Students giving graduating recitals may be excused from the Choir for the semester in which the recital takes place to allow extra preparation time. All students majoring in music are expected to attend cultural events presented on the campus. All students will select a performance emphasis in either piano or voice and will perform in full or half recitals

Music

during the senior year. A piano proficiency examination will be given to all voice majors at the end of the sophomore year. Those unable to pass the examination will be required to enroll in further work in piano. All entering students will be given an examination in music fundamentals to determine whether they are to register for either first-year Theory or Fundamentals of Music. No more than two hours credit in Choir may be applied to the requirements for the music major.

Core: Students Majoring in Music will complete all of the Following:

	Semester Hours
Theory I and II	12
Music History I and II	8
Applied Music	12
Conducting	4
Orchestration	2

Music Education: majors will complete the following in addition to core requirements.

Counterpoint	2
Materials and Methods	
Elementary Schools	2
Secondary Schools	2

Church Music: majors will complete the following in addition to the core requirements.

Hymnology	2
Church Music	2
Organ	2

Requirements for a minor in music:

Music 101-102 Music Theory	6
Music 341-342, 441-442 History of Music	4
Music 401-402 Seminar	0
Electives in music from among the following courses:	6
321-322 Conducting	
361 Church Music	
362 Hymnology	
Applied music (not more than 2 in choir)	4
Total	20

Music

Registration in courses in music theory is dependent upon the student's score in the placement examination administered by the faculty.

101-102—MUSIC THEORY—The elements of musical notation. The structure of scales, intervals, triads, and chords. Development of the ability to sing at sight and write from dictation melodies in all keys and meters. Beginning analysis of the Bach chorale style, and construction of cadential phrases in that style. Similar experience at the keyboard. Prerequisite—passing grade on music theory entrance test. Three semester hours.

103—FUNDAMENTALS OF MUSIC—Basic music theory for the liberal arts student, for the student deficient in background for Music Theory 101, and for students majoring in elementary education. One semester hour.

201-202—MUSIC THEORY—Continuation of Music 101-102. Development of facility in the analysis and usage of diatonic and chromatic harmonies. Continued work in the analysis of the Bach style, with second semester work in the analysis of Mozart and Beethoven sonatas and the creation of a movement in sonata-allegro form. Three semester hours.

242—MUSIC APPRECIATION—A survey of music from the standpoint of the listener, utilizing representative works in the various styles. Three semester hours.

321—CHORAL CONDUCTING—The principles of conducting and their application in the training of choral groups. Enrollment upon approval of instructor. Two semester hours.

322—INSTRUMENTAL CONDUCTING—The principles of conducting and their application in the training of orchestral, band, and instrumental ensemble groups. Two semester hours.

341-342—HISTORY OF MUSIC—A study of the history of music, the evolution of various forms and styles. Two semester hours.

Music

Offered alternate years (not offered 1962-63). Three semester hours.

351—MATERIALS AND METHODS OF TEACHING MUSIC IN THE ELEMENTARY SCHOOL—A study of the musical development of the child through the first six grades. Prerequisite: Music 103, or equivalent skills. Two semester hours.

352—MATERIALS AND METHODS OF TEACHING MUSIC IN THE SECONDARY SCHOOL—A study of the music curriculum of the secondary school. Two semester hours.

361—CHURCH MUSIC—A study of church music, its philosophy, functions, and evolution. Two semester hours.

362—HYMNOLOGY—A survey of the hymn literature of the Protestant Christian Church, with consideration of literary, sociological, and religious forces affecting the creation of hymn poetry and hymn tunes. Offered in alternate years. Two semester hours.

401-402—SEMINAR—Studies in music literature and pedagogy. No credit.

421—COUNTERPOINT—Basic principles of writing two, three, and four-voice counterpart, and their application in the smaller forms of composition. Prerequisite: Music 202. Two semester hours.

422—ORCHESTRATION—A study of instrumentation and of the principles governing the combination of musical sounds in ensemble. Prerequisite: Music 102. Two semester hours.

426—SPECIAL STUDIES IN MUSIC—The field of study may be selected by the student, subject to the approval of the instructor. One to three semester hours.

The field of study may be selected by the student, subject to the approval of the major professor. One to three semester hours.

Philosophy

441-442—HISTORY OF MUSIC—A continuation of music 341-342. Two semester hours.

113-114, 213-214, 313-314, 413-414—INDIVIDUAL INSTRUCTION IN VOICE—One semester hour.

115-116, 215-216, 315-316, 415-416—INDIVIDUAL INSTRUCTION IN PIANO—One semester hour.

117-118, 217-218, 317-318, 417-418—INDIVIDUAL INSTRUCTION IN ORGAN—One semester hour.

119-120—CLASS LESSONS IN VOICE—Voice class for students without previous formal voice instruction. Enrollment by permission of the instructor. One semester hour.

131-132, 231-232, 331-332, 431-432—CHOIR—Intensive study of traditional and contemporary choral literature and of choral tone production. The choir performs for numerous campus and local functions and on tour. Membership by audition. One semester hour.

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 greatly influenced the thought and action of the modern world. Another objective of this field is to cultivate an understanding and appreciation of the history and function of philosophy.

Students majoring in philosophy will complete the twenty-four semester hours comprising:

	Semester Hours
Either Philosophy 101 or 102	3
Philosophy 151	3
Philosophy 301-302	6
Philosophy 401	3
Additional Credit in Philosophy approved by the area committee	9

Philosophy

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

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. Relevant portions of the Bible are considered. Three semester hours.

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.

251—PHILOSOPHY OF SCIENCE—A consideration of induction and the scientific method. An examination of the foundations and implications of the formal and physical sciences. Prerequisite: Philosophy 151 or permission. 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.

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

401—SEMINAR STUDIES IN PHILOSOPHY—A seminar for honor students designed to develop the ability to do independent research and writing. An examination of the philosophical background of the various areas of learning by a study of the classical literature in these areas. One to three semester hours.

Psychology

Psychology is a study integrally related to the humanities. There are at least three major facets of interest to the modern student. First, it is an established, scholarly discipline represented in the study and work of colleges and universities. Second, it is a young science of important standing—the science of human behavior. Third, it is a growing profession of approximately 20,000 men and women belonging to the American Psychological Association with over 60% having an earned doctorate.

The major in Psychology consists of a minimum of 24 semester hours. In addition to the Liberal Arts group requirements it is suggested that additional hours be selected from biology, humanities, mathematics, philosophy, physics, and sociology.

Required courses for the major in psychology are Psychology 150 and 152.

The minor in psychology consists of a minimum of 18 semester hours. The only required course is Psychology 150. Psychology 150 is a prerequisite for all courses in psychology.

A student contemplating graduate work in psychology should take 30 semester hours of psychology, since some graduate schools require a minimum of 30 semester hours of psychology for admission.

Psychology

SUGGESTED COURSE OF STUDY FOR A MAJOR IN
PSYCHOLOGY AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 150	3	Psychology 152	3
English 111	3	English 112	3
Biology 111	4	Biology 112	4
Bible 123	3	Bible 124	3
Mathematics 111	3	Mathematics 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
—		—	
17		17	

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 251	3	Psychology 252 or 254	3
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
History 203	3	History 204	3
Philosophy 151	3	Philosophy 201	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
—		—	
16		16	

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology Elective (300)	3	Psychology Elective (300)	3
Foreign Language	3	Foreign Language	3
Sociology 301	3	Sociology 303	3
Mathematics or Physics	3	Mathematics or Physics	3
Electives	3	Electives	3
—		—	
15		15	

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 450 or 452	3	Psychology 454	3
Psychology 456	3	Psychology 490	3
Art or Music	3	Art or Music	3
Education or Guidance	3	Education or Guidance	3
Electives	5	Electives	3
—		—	
17		15	

150—INTRODUCTION TO PSYCHOLOGY—An introductory course prerequisite to all courses in psychology. Applications to personal and social behavior. Strong emphasis on management of learning. Three semester hours.

152—GENERAL PSYCHOLOGY—A survey of the field of psychology. Consideration of the scientific approach to the study of behavior. Three semester hours.

251—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.

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 semester hours.

254—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. Offered annually. Three semester hours.

350—SOCIAL PSYCHOLOGY—A study of group behavior both in our own and in other cultures. 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.

356—PSYCHOLOGY OF PERSONALITY ADJUSTMENT—A study of problems of personal adjustments with special references to behavior mechanisms. Related problems of theory and measurement of personality. Three semester hours.

359—STATISTICS IN PSYCHOLOGY AND EDUCATION—Elementary coverage of descriptive and sampling statistics, including problems of measurement, analysis of fre-

Psychology

quency distribution, linear and rank-orders correlation, prediction, and simple tests of significance. Offered annually. Three semester hours.

450—THE PSYCHOLOGY OF ABNORMAL BEHAVIOR—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. 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. 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 relevant problems in all areas of psychology and problems involving communication with other disciplines. 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

Business Administration

specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

Business Administration 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 as follows:

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Government 304	3
Economics 451	3
Business Administration or Economics Electives (junior and senior level)	12

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.

A student minoring in business administration and eco-

Business Administration

nomics must complete eighteen semester hours as follows :

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Electives (junior and senior level)	6

SUGGESTED COURSE OF STUDY FOR A MAJOR IN BUSINESS AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
English 111	English 112
3	3
Biology 111	Biology 112
4	4
Bible 123	Bible 124
3	3
Health and Physical	Health and Physical
Education 101	Education 102
1	1
History 113	History 114
3	3
Mathematics 101	Mathematics 102
3	3
17	17

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304	English 202 or 305
3	3
Economics 201	Economics 202
3	3
Business Administration 211	Business Administration 212
3	3
Health and Physical	Health and Physical
Education 201	Education 202
1	1
History 203	History 204
3	3
Psychology 150	Psychology 352
3	3
16	16

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
Business Administration 301	Business Administration 302
3	3
English Elective	English Elective
3	3
Psychology Elective	Psychology Elective
3	3
Business Administration or	Business Administration or
Economics Electives	Economics Electives
6	6
Secretarial Science 351	Secretarial Science 352
2	2
17	17

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
Government 304	Economics 451
3	3
Psychology Elective	Psychology Elective
3	3
Business Administration or	Business Administration or
Economics Elective	Economics Elective
3	3
Government 303	Electives
3	9
Electives	
3	
Sociology 301	
3	
18	18

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.

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.

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. Three mechanics of layout, media, and copy writing are considered. Three semester hours.

308—OFFICE MANAGEMENT—A study of the planning and directing of the operation of business and professional offices. Emphasis is given to executive responsibilities and to the duties of office managers, secretaries, and supervisors. Consideration is also given to the selecting and training of office workers and to the selection and care of office equipment and supplies. 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. Three semester hours.

401-402—BUSINESS LAW—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy,

Secretarial Science

and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Alternate years. Three semester hours.

411-412—INCOME TAX ACCOUNTING—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. 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.

Economics

For courses in economics see Area of Social Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

Secretarial Science

Teachers of secretarial science and secretaries have need of a wide knowledge of general and cultural information, as well as of technical skills. For this reason, the secretarial science program in Milligan College includes both liberal arts courses and technical courses.

The secretarial science courses at Milligan College have a threefold purpose:

1. A major course in secretarial science enabling the student to teach secretarial science at the secondary level;
2. An intensive two-year secretarial program including the other subjects required by the College at the freshman and sophomore levels;
3. An elective field in which all students of the College may choose courses which will be helpful to them personally.

A major in secretarial science consists of thirty-one hours, including the following courses :

Secretarial Science 131	Secretarial Science 132
Secretarial Science 133	Secretarial Science 134
Secretarial Science 241	Secretarial Science 242
Secretarial Science 243	Secretarial Science 244
Secretarial Science 351	Secretarial Science 352
Secretarial Science 471	Secretarial Science 472

SUGGESTED COURSE OF STUDY FOR A MAJOR IN SECRETARIAL SCIENCE LEADING TO THE B.S. OR A.B. DEGREE

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
English 111 3	English 112 3
Bible 123 3	Bible 124 3
Science	Science
Biology 111	Biology 112
Chemistry 101	Chemistry 102
Physics 201 4	Physics 202 4
Health and Physical	Health and Physical
Education 101 1	Education 102 1
Secretarial Science 131 1½	Secretarial Science 132 1½
Psychology 150 3	Psychology 152 or 254 3
15½	15½

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304 3	English 202 or 305 3
History 203 3	History 204 3
Secretarial Science 241 3	Secretarial Science 242 3
Health and Physical	Health and Physical
Education 201 1	Education 202 1
Mathematics 101 3	Mathematics 102 3
Speech 201 or 301 3	Speech 202 or 302 3
16	16

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304 or	English 202 or 305 or
Business Administration (Accounting) 211	Business Administration (Accounting) 212
or Language or	or Language or
Christian Education 3	Christian Education 3
Secretarial Science 351 2	Secretarial Science 352 2
Economics 201 3	Economics 202 3
Secretarial Science 133 3	Secretarial Science 134 3
Electives 6	Electives 6
17	17

Secretarial Science

FOURTH YEAR	
FIRST SEMESTER	SECOND SEMESTER
Secretarial Science 243	3
Art 320	3
Music 242	2
Secretarial Science 471	3
Electives	5
	16

The secretarial science major must choose a minor subject which will be completed as a part of his elective courses.

SUGGESTED COURSE OF STUDY IN SECRETARIAL SCIENCE LEADING TO A TWO-YEAR PROFESSIONAL CERTIFICATE

FIRST YEAR	
FIRST SEMESTER	SECOND SEMESTER
English 111	3
Bible 123	3
Psychology 152	3
Speech 201 or 301	3
Secretarial Science 131	1½
Secretarial Science 133	3
Health and Physical Education 101	1
	17½

SECOND YEAR	
FIRST SEMESTER	SECOND SEMESTER
Secretarial Science 241	3
Secretarial Science 243	3
Secretarial Science 351	2
Economics 201	3
Business Administration 211 or Elective	3
Health and Physical Education 201	1
Secretarial Science 471	3
	18

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.

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.

Guidance and Counseling

241-242—ADVANCED TYPING—A comprehensive review of letter writing and tabulation is given. Manuscripts, proof-reading, numbers, legal documents, and other business forms are emphasized. Three semester hours.

243-244—ADVANCED SHORTHAND—Intensive practice in reading and writing for the development of speed and accuracy; advanced study in dictation and transcription; and study of secretarial procedures and practices. Three semester hours.

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.

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 for which Secretarial Science 241-242 and Secretarial Science 243-244 are prerequisites. Three semester hours.

Guidance and Counseling

The administration and faculty of Milligan College are deeply concerned for and committed to each student. The College maintains a Counseling Center under the direction of a full-time counselor. Milligan seeks to offer each student those guidance services needed by normal young people who are faced with particular problems. Faculty and staff cooperate with the Counseling Office in providing a program of vocational information, faculty advising, psychological testing, and personal counseling.

Health—Physical Education

Students wishing to certify as guidance counselors in secondary schools can do so by taking eighteen hours of work in the guidance and counseling field. Before permanent certification can be completed, the student will have to complete two or three years of successful teaching. A student who is majoring in psychology will be permitted to count six hours from the courses below toward his major.

301—HISTORY AND PHILOSOPHY OF GUIDANCE—To acquaint the student with the philosophical bases upon which a guidance program is built. Three semester hours.

302—ORGANIZATION AND ADMINISTRATION OF GUIDANCE PROGRAMS—Responsibilities of administrators, teachers, and counselors in the guidance program. Three semester hours.

361—PRINCIPLES OF GUIDANCE—Attention is given to the factors necessary for effective guidance as an integral part of the total school program. 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—EDUCATIONAL AND OCCUPATIONAL INFORMATION—A course to provide students opportunity to study the nature of various careers. Three semester hours.

490—PROBLEMS IN PERSONNEL AND GUIDANCE—This is an independent study plan for students planning graduate work. The student will define a problem and work under a faculty member. One to three semester hours.

Health and Physical Education

Milligan recognizes the need for physical and social as well as mental and spiritual development. Courses are provided to give training in the discipline of the body and leadership in recreation and in major and minor sports. In addition, the courses provide for the preparation of teachers

Health—Physical Education

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 majors should be active in several intramural sports.

Uniforms—Students should not purchase class uniforms before coming to Milligan. However, each should have ample recreational clothing, including sweat clothing (men), gym-shoes, swim suit, (also a bathing cap for girls).

A major in Health and Physical Education consists of twenty-four semester hours including the following courses :

	Semester Hours
Health Education 250	3
Personal Hygiene 251	3
or	
Community and School Hygiene 254	3
Safety Education and First Aid 354	3
Folk Games and Other Rhythmic Activities 305	2
Tumbling, Stunts, and Conditioning for Girls 307	2
or	
Tumbling, Stunts, Pyramids 308	2
Adult Recreative Sports 312	2
Swimming and Water Safety 401	2
Administration of Health and Physical Education 404	3

In addition to the above requirements the major must take Biology 203-204. (Anatomy and Physiology).

In addition to the above health and P.E. Courses the following courses are required for certification in Tennessee.

	Semester Hours
Team Sports for Women 311 (for Women)	3
Coaching Major Sports for Men 313 (for Men)	3
Theory and Technique of Training and Conditioning 303 (for Men)	2
Physical Education for Public Schools 203	2
Adaptive Physical Education 306	2

A suggested course of study for a major in Health and Physical Education and leading to the B.S. degree and a teaching certificate in Tennessee. Those desiring to be certified in other states should secure the essential information from the respective state Department of Education.

Health—Physical Education

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Health and Physical Ed. 101 or 106	1	Health and Physical Ed. 102	1
Biology 111	4	Biology 112	4
Mathematics	3	Mathematics	3
Psychology	3	Psychology	3
	—		—
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 304	3	English 202 or 305	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
Biology 203	4	Biology 204	4
Health and Physical Ed. 250	3	Health and Physical Ed. 254	3
Health and Physical Ed. 203	2	Health and Physical Ed. 354	2
Health and Physical Ed. 311 or Elective	3	Health and Physical Ed. 305	2
Education	3	Education	3
	—		—
	19		18

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education	3	Education	3
Health and Physical Ed. 303 or 307	2	Health and Physical Ed. 307 or 308	2
Health and Physical Ed. 405 or Elective	3	Health and Physical Ed. 312	2
Health and Physical Ed. 305	2	Health and Physical Ed. 306	2
Sociology 301 or 303	3	History 204	3
Economics 201	3	Economics 202	3
History 203	3	Education	3
	—		—
	19		18

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education	6	Education	6
Health and Physical Ed. 409 or Elective	3	Health and Physical Ed. 401	2
Health and Physical Ed. 313		Health and Physical Ed. 404	2
Electives (Art, Music, Philosophy)	12	Electives (Art, Music, Philosophy)	5
	—		—
	21		16

100A-100B—PHYSICAL EDUCATION (MEN AND WOMEN)—That phase of physical education which meets the needs of the individual who, because of some physical inadequacy, functional defect capable of being improved through exercise, or other deficiency, is unable to take part

Health—Physical Education

in the regular physical education program. One semester hour.

101-102—PHYSICAL EDUCATION (MEN)—Prescribed participation in athletics skills and seasonal sports. Required of all freshmen. Meets twice a week. One semester hour.

101-102—PHYSICAL EDUCATION (WOMEN)—Prescribed participation in team sports. Required of all freshmen. Meets twice a week. One semester hour.

106—WRESTLING—For beginning wrestlers. Various positions, holds, takedowns; technique and strategy; wrestling participation. This course may be substituted for 101-102. One semester hour.

200A-200B—PHYSICAL EDUCATION (MEN AND WOMEN)—Continuation of 100A and 100B. One semester hour.

201-202—PHYSICAL EDUCATION (MEN)—Individual sports emphasized. Required of all sophomores. Meets twice a week. One semester hour.

201-202—PHYSICAL EDUCATION (WOMEN)—Individual and recreational activity. Required of all sophomores. Meets twice a week. One semester hour.

203—PHYSICAL EDUCATION FOR THE PUBLIC SCHOOL—A course designed to prepare the teacher to direct games and playground activities in the public school. Includes mimetics, running games, story plays, stunts, etc. Offered annually. Two semester hours.

250—HEALTH EDUCATION—A survey course designed to impart knowledge of the principles of health education and health education practices. Emphasis is placed upon methods of instilling desirable attitudes and practices among public school children. Offered annually. Three semester hours.

251—PERSONAL HYGIENE—An analysis of the problems pertaining to individual health. Attention is given to the complex factors in personality and the application of scientific facts and principles to living. Alternate years. Odd. Three semester hours.

Health—Physical Education

254—COMMUNITY AND SCHOOL HYGIENE—A general survey of the principles of sanitary science as they apply to food and water, sewage and garbage disposal, ventilation, housing, and other school and community problems. Alternate years. Even. Three semester hours.

303—THEORY AND TECHNIQUE OF TRAINING AND CONDITIONING (MEN)—Physiological aspects of training and conditioning. Methods of conditioning for various types of activities; treatment and care of injuries. Offered annually. Two semester hours.

305—FOLK GAMES AND OTHER RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps, and folk games of various countries. Opportunities are given for leadership experience under directed supervision. Alternate years. Odd. Two semester hours.

306—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped of all age levels. Attention is given to corrective procedures. Alternate years. Odd. Two semester hours.

307—TUMBLING, STUNTS, AND CONDITIONING FOR GIRLS—Instruction in tumbling, stunts, and conditioning with emphasis upon the development of total fitness of the individual. Alternate years. Odd. Two semester hours.

308—TUMBLING PYRAMIDS, AND STUNTS—Instruction in tumbling, brother acts, pyramid building, and stunts in line with the ability of the class. Material will be presented which may be used in elementary and secondary schools. Two semester hours.

311—TEAM SPORTS FOR WOMEN—Instruction in the fundamentals of such team sports as basketball, soccer, volleyball, field hockey, softball, and speed ball. Adaption is made to the high school education program. Alternate years. Even. Three semester hours.

312—ADULT RECREATIVE SPORTS—The teaching of sports activities suitable for adults. Alternate years. Odd. Two semester hours.

313—COACHING FOR MAJOR SPORTS—Football, basketball, track, and baseball. Techniques, formations, plays, and tactics are analyzed and evaluated. Officiating, important rules, and rule changes are studied. Three semester hours.

354—SAFETY EDUCATION AND FIRST AID—Emergency treatment of injuries for practical home and school use. The course includes a survey of safety education materials and methods of accident prevention in the schools. Three semester hours.

401—SWIMMING AND WATER SAFETY—Methods of teaching the various strokes and dives. Water games, stunts, and swimming meets. Safety procedures and American Red Cross Life Saving Tests. Alternate years. Even. Two semester hours.

404—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program administration at junior and senior high school levels. Considered are such problems as personnel, organization, scope of activity, evaluation, finance, and equipment. Alternate years. Even. Three semester hours.

405—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—A study of the history, principles, and policies of physical education programs. An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Alternate years. Odd. Three semester hours.

408—APPLIED PHYSICAL EDUCATION—This course is designed to aid the physical education major in his preparation to do his directed teaching in the public schools through close association with the professor in conducting other physical education classes. The student will do research in physical education and complete a problem assigned or approved by the professor. The completed work will be filed with the department. Available each term, upon approval. Two semester hours.

409—RECREATION LEADERSHIP—The scope and significance of recreation. Emphasis is placed on programs for church and community recreation, personnel, recreation

Education

areas and facilities, and current practices in camp leadership and administration. Alternate years. Even. Three semester hours.

Education

The certification requirements for elementary and secondary teaching in any state may be met in Milligan College. A student preparing to teach in states other than Tennessee should, early in his college program, acquaint himself with certification requirements in the state in which he plans to teach.

In Tennessee the teacher education program consists of three major divisions: the basic core of liberal arts courses required of all; the required professional education courses; and courses required for subject matter endorsement.

General Education Courses

COURSE NO.	TITLE	HOURS
English 111-2	English Composition	6
English 354	Children's Literature	3
Speech 201	Elementary Speech	3
Chemistry 101-2 or Biology 111-2	Inorganic Chemistry	8
Biology 205	Gen. Botany & Zoology	8
English 201-2 or English 304-5	Science for the Grades	4
Bible 123-4	Survey of English Literature	6
Foreign Lang. 211-2	Survey of American Literature	6
	Old & New Testament Survey	6
	Intermediate: Latin, German, French, Greek or Spanish	6
Music 351	M & M of Teaching Music for Elementary School	2
Art 311	Art for Elementary Teachers	3
H & PE 101-2; 201-2	Activity	4
H & PE 250	Health Education	3
H & PE 203	PE for Public Schools	2
H & PE 251, 254 or 354	Personal Hygiene, Community & School Hygiene, Safety Education & First Aid	3
Sociology 303	Family	3
History 203-4	American History	6
Economics 201-2	Principles of Economics	6
Math 103-4 or 111-2	Fundamental Concepts	6
101-2	Algebra & Trigonometry	6
Psychology 150	Basic & Business Math	6
	Introduction to Psychology	3

Professional Education Courses

Education 201	Introduction to Education	2
Psychology 252	Developmental Psychology	3
Psychology 254	Educational Psychology	3
Education 337	History & Philosophy of Education	3
Education 338	Education Sociology	3
Education 411-2	M & M of Elementary Education	6
Education 421	Directed Teaching—Elementary	6

In addition to the above courses, the following requirements for a major in either English, Social Studies, or Psychology must be met:

	Semester Hours
ENGLISH—30 hours for Major	
English 311 Adv. Grammar	3
English 462 Shakespeare	3
Electives (3 or more on 400 Level)	6
English 304-5 Am. Lit.	6

	Semester Hours
SOCIAL STUDIES—24 Hours	
Gov. 303 Am. Gov.	3
Gov. 304 Gov. & Bus.	3
Elective—300	3
Elective—400	6

	Semester Hours
PSYCHOLOGY—24 Hours	
Psychol. 152—Gen. Psychol.	3
Electives	12

201—INTRODUCTION TO EDUCATION—This course is designed to acquaint the student with the field of education and the profession of teaching. Attention is given to national, state, and local influences in education. The student is made aware of the various levels of teaching and qualities desired for each. Two semester hours.

220—HUMAN GROWTH AND DEVELOPMENT—See Psychology 252.

254—EDUCATIONAL PSYCHOLOGY—See Psychology 254.

337—HISTORY AND PHILOSOPHY OF EDUCATION—A survey of the development of education from ancient Greek times to the present. Three semester hours.

Education

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

343—PRINCIPLES OF SECONDARY EDUCATION—A study of the objectives, functions, problems, and trends of secondary education. Three semester hours.

347—SCHOOL ORGANIZATION AND ADMINISTRATION—A study of the routine management of the school with special attention to records, reports, and the guidance program. 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.

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. Four Semester hours.

471-472—MATERIALS AND METHODS OR 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. Four 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 pre-medical, pre-dental, and other prebiological disciplines.

The requirements for the bachelor of arts degree in biology consist of twenty-four semester hours, which include Biology 111, 112, 201, 202, 403; twelve hours of chemistry including Chemistry 301; and Mathematics 111 and 112. A chemistry minor is suggested.

For a bachelor of science degree the requirements include Biology 111, 112, 201, 203, and 403; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112; and Physics 201 and 202. Mathematics 201 and 202 are recommended. Completion of the intermediate year of a foreign language, preferably German or French is required.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN BIOLOGY AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 111	4	Biology 112	4
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Chemistry 101	4	Chemistry 102	4
Mathematics 111	3	Mathematics 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	—		—
	18		18

Biology

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 201	4	Biology 202	4
History 203	3	History 204	3
Mathematics 201	3	Mathematics 202	3
Psychology 150	3	Psychology	3
Chemistry 201	4	Chemistry 202 or elective	4
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
—	—	—	—
	18		18

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 303	4	Biology 304	4
English	3	English	3
Foreign Language	3	Foreign Language	3
Mathematics 201	3	Mathematics 202	3
Economics 201	3	Economics or Sociology	3
—	—	—	—
	16		16

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
Biology 403	4	Biology 311 or 404	4
Physics 201	4	Physics 202	4
Chemistry 301	4	Chemistry 302	4
Electives	3	Electives	3
—	—	—	—
	18		18

111—GENERAL BOTANY—A presentation of basic biological principles, particularly as illustrated by study of the seed plant and with frequent reference to animal biology. A brief view of the plant kingdom is included. Three lectures and one laboratory period. Offered annually. Four semester hours.

112—GENERAL ZOOLOGY—A survey of selected animal phyla, with stress upon relationships within and between animal groups and between plants and animals. Throughout the course, principles learned are related to the organization and functioning of the human body. Prerequisite: Biology 111. Three lectures and one laboratory period. Offered annually. Four semester hours.

201—INVERTEBRATE ZOOLOGY—Attention in this study is given to the different invertebrate groups as to their structure, physiology, names, geographical distribution, natural history, phylogeny, and importance to man. The laboratory will largely be devoted to the morphology and physiology of selected types of invertebrates. Prerequisite: Biology 111-112. Two lectures and two laboratory periods. Offered annually. Four semester hours.

202—VERTEBRATE ZOOLOGY—This study is to present the basic principles and theories, relating to distribution, specialization and behavior of the vertebrates with a laboratory emphasis upon the morphology of representative vertebrate forms. Prerequisite: Biology 111-112. Two lectures and two laboratory periods. Offered annually. Four semester hours.

203-204—ANATOMY AND PHYSIOLOGY—A study of the bones, muscles, and other organ systems in relation to physical development. Designed especially for the general student and those interested in Physical Education, not for pre-medical, pre-dental, or Biology majors. Three lectures and one laboratory period. Prerequisites: Biology 111-112. Alternate years. Four semester hours.

205—SCIENCE FOR THE GRADES—This course is designed for elementary school teachers. It stresses science materials, conservation, health, and methods of preparing subject material. Not applicable toward a major or minor. Four semester hours.

303—MICROBIOLOGY—A basic course including the preparation of media, culture, methods, sterilization, isolation, staining, and identification of micro-organisms. Prerequisite: Biology 202. Two lecture and two laboratory periods. Alternate years. Four semester hours.

304—PARASITOLOGY—An introductory course consisting of a survey of the most common parasites of man. Includes life histories, incidences, morphology, classification and control of the helminths, protozoa, and the more important in-

Biology

factors and parasites. Prerequisite: Biology 202. Two lecture and two laboratory periods. Alternate years. Four semester hours.

309—GENERAL PHYSIOLOGY—A study of the basic principles of general physiology as related to the cell, tissues, organs, and organ systems in plants and animals with special emphasis upon physico-chemical aspects. Prerequisite: Biology 201, 202 and Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

311—ANIMAL HISTOLOGY—A study of the microscopic structure of various types of tissues found in vertebrates, with the theory and application of the various methods of their preparation for examination. Prerequisites: Biology 202; Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

312—GENERAL ECOLOGY—A study of the relationship between organisms and their environment. Emphasis is given to adaptations which make possible essential plant and animal functions, to relationships between animals and plants, to population pressures, and to factors affecting plant and animal distribution. Prerequisite: Biology 202, three lectures. Three semester hours.

401—TAXONOMY OF FLOWERING PLANTS—Collection and identification of wild flowers of Eastern Tennessee with instruction in herbarium methods. Prerequisite: Biology 111-112. One lecture and three laboratory periods. Four semester hours.

402—ELEMENTARY GENETICS—A study of generation to generation transmission of physical characteristics in plants and animals and the laws governing resemblances and differences in successive generations. Prerequisite: Biology 202. Three lectures. Three semester hours.

403—COMPARATIVE VERTEBRATE ANATOMY—A systematic and comparative study of the principal systems of the vertebrates. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

404—VERTEBRATE EMBRYOLOGY—A study of the general principles of vertebrate development from the fertilized egg to the formation of tissues and organs. Prerequisite: Biology 202. Two lectures and two laboratory periods. 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 major in chemistry with a bachelor of arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The major in chemistry with a bachelor of science degree consists of thirty-two hours of chemistry including Chemistry 101-2, 201-2, 401-2. A minor in mathematics and the completion of the intermediate year of a language, preferably German or French, are required.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN CHEMISTRY AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 101	4	Chemistry 102	4
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Mathematics 111	3	Mathematics 112	3
Psychology 150	3	Psychology	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
—		—	
17		17	

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 201	4	Chemistry 202	4
English 201 or 304	3	English 202 or 305	3
Mathematics 201	3	Mathematics 202	3
History 203	3	History 204	3
Foreign Language	3	Foreign Language	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
—		—	
17		17	

Chemistry

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 301	4	Chemistry 302	4
Mathematics 301	3	Mathematics 302	3
Physics 201	4	Physics 202	4
Foreign Language	3	Foreign Language	3
Economics 201	3	Economics 202	3
—		—	
17		17	

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 401	4	Chemistry 402	4
Chemistry elective	4	Electives	10
Electives	6	—	
—		14	
14			

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.

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.

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

Mathematics

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.

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 shall consist of twenty-four semester hours. Mathematics 101 and 102 do not apply on the major or minor.

No foreign language is required for the bachelor of science degree. The minor consists of eighteen hours.

101—BASIC CONCEPTS OF MATHEMATICS—A study of mathematics as a language, the arithmetic of measurement, indirect measurement, equations as algebraic sentences, exponents, variations, way of expressing relationships, and interpretation of statistical data. Three semester hours.

102—BUSINESS MATHEMATICS—A study of interest and discounts, amortization, public finance, and inventory evaluation. Required of business administration majors. Three semester hours.

Mathematics

103—FUNDAMENTAL CONCEPTS OF MATHEMATICS—A study of symbols, numerals, history of numerals, place value, number bases, basic principles of addition and multiplication; factors and prime numbers. Four semester hours.

104—FUNDAMENTAL CONCEPTS OF MATHEMATICS—A study of sets and set algebra, negative numbers, the number line and infinite sets; plane and space figures, perimeters, areas, volume, similar triangles and simple trigonometry. Three semester hours.

111—COLLEGE ALGEBRA—A study of quadratic equations, ratio and proportion, variation, progressions, binomial theorem, logarithms, theory of equations, and permutations and combinations. Three semester hours.

112—TRIGONOMETRY—The development of general formulae, the theory and use of logarithms, and the solution of right and oblique triangles. Textbook work supplemented with practical problems. Prerequisite: one unit of plane geometry. Three semester hours.

201—ANALYTIC GEOMETRY—Loci and their solutions, the straight line, construction of graphs, solution of formulae, the circle, different systems of coordinates, transformation of coordinates, the parabola, and the ellipse. Three semester hours.

202—DIFFERENTIAL CALCULUS—The principles and formulae, with application to development of series, maxima and minima, tangents, and practical problems. Three semester hours.

301—INTEGRAL CALCULUS—A study of the integral from the two-fold standpoint of anti-differential and the process of summation. Development of standard formulae of integration and solution of practical problems. Three semester hours.

302—ADVANCED CALCULUS—Partial differentiation, formal integration by various devices, reduction formulae, centroids, fluid pressure, and multiple integrals. Three semester hours.

Area of Social Learning

401—DIFFERENTIAL EQUATIONS—A study of elementary total and partial equations and their use in applied science. Three semester hours.

402—THEORY OF EQUATIONS—Complex numbers, constructibility by rule and compass, cubics, quartics, reciprocal equations, determinants, invariants, and convergences and divergences of series. Three semester hours.

403-404—VECTOR ANALYSIS—A study of fundamental operations of vectors: dot and cross products, scalar and vector fields, differentiation, integration, Gauss', Green's, and Stokes' theorems. Two semester hours.

Physics

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.

301—THERMO-DYNAMICS—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

Area of Social Learning

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.

A student seeking to major in social studies will file written request therefore with the chairman of social studies not later than the end of his sophomore year. At that time a program which is adapted to the student's individual needs and which when completed satisfactorily will qualify the student as a social studies major will be prescribed. Such a major requires completion of twenty-four semester hours, apportioned as follows:

	Semester Hours
Economics 201-202	6
Government 303-304	6
Sociology 301	3
Elective (not below 300 level)	3
Electives (400 level)	6

Students minoring in social studies will complete eighteen semester hours comprising:

	Semester Hours
Economics 201-202	6
Government 303-304	6
Sociology 301	3
Elective (400 level)	3

SUGGESTED COURSE OF STUDY FOR A MAJOR IN SOCIAL STUDIES AND LEADING TO THE A.B. DEGREE AND AN ELEMENTARY CERTIFICATE

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
English 111 3	English 112 3
Biology 111 4	Biology 112 4
Bible 123 3	Bible 124 3
History 113 3	History 114 3
Psychology 150 1	Education 201 2
Health and Physical Ed. 101 1	Health and Physical Ed. 102 1
—	—
17	16

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 211 3	English 202 or 212 3
Foreign Language 3	Foreign Language 3
History 203 3	History 204 3
Economics 201 3	Economics 202 3
Education 220 3	Education 221 3
Geography 103 3	Geography 104 3
Health and Physical Ed. 201 1	Health and Physical Ed. 202 1
—	—
19	19

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
Foreign Language 3	Foreign Language 3
Education 337 3	Education 338 3
Mathematics 101 3	Mathematics 3
Biology 205 4	English 354 3
Art 211A 2	Art 211B 2
Government 303 3	Government 304 3
—	—
18	17

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
Government or Economics (400 level) 3	Government or Economics (400 level) 3
Health and Physical Ed. 250 3	Health and Physical Ed. 203 2
Music 351 2	Health and Physical Ed. 251 or 254 3
Speech 201 3	Sociology 303 3
Education 411 3	Education 412 3
Elective (300 or above) 3	Education 421 4
—	—
17	18

Economics—Geography

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.

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 institution are studied to observe the application of principles. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

451—COMPARATIVE ECONOMIC SYSTEM—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.

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.

Government

104—ECONOMIC GEOGRAPHY—A detailed study of man's efforts to make adaption 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.

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. Prerequisites: 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—An intensive study of the United States Constitution as it has developed through the interpretation of the courts. Emphasis is given to current constitutional issues, such as equal protec-

Sociology—History

tion of the laws, federal economic regulation, and First Amendment Freedoms. Prerequisite: Government 303. Alternate years. Three semester hours.

Sociology

301—SOCIOLOGICAL THEORY—A study of the nature of human society, its cultural patterns, moving forces, and institutional expressions. 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. This course is open only to those who seek a teaching certificate; by these students this course may be substituted for Sociology 301 toward a major. 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, at least twelve of which must be on the junior and senior levels.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN HISTORY AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Biology 111	4	Biology 112	4
Bible 123	3	Bible 124	3
History 115	3	History 116	3
Mathematics 101 or 111	3	Mathematics 102 or 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
—	—	—	—
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
Psychology 150	3	Psychology	3
History 203	3	History 204	3
History 215	3	History 216	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
—		—	
16		16	

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 301 or 361	3	English 302 or 362	3
Sociology 301	3	Elective	3
Economics 201	3	Economics 202	3
History Elective (300)	3	History Elective (300)	3
—		—	
15		15	

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Government 303	3	Government 305 or 306	3
Philosophy 301	3	Philosophy 302	3
History Elective	3	History Elective	3
Intellectual History 401	2	Intellectual History 402	2
Historiography 403	1	Historiography 404	1
History Seminar	3	History Seminar	3
Elective	2		
—		—	
17		15	

SUGGESTED COURSE OF STUDY FOR A MAJOR IN
HISTORY AND LEADING TO THE B.A. DEGREE
AND A SECONDARY TEACHING CERTIFICATE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Biology 111	4	Biology 112	4
Bible 123	3	Bible 124	3
Mathematics 101	3	Mathematics 102	3
Psychology 150	3	Education 201	2
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
—		—	
17		16	

History

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
History 203	3	History 204	3
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
Education 220	3	Education 221	3
History 115	3	History 116	3
Economics 201	3	Economics 202	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
—		—	
19		19	

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 301 or 361	3	English 302 or 362	3
Education 234	3	Education 338	3
History 215	3	History 216	3
Health and Physical Ed. 250	3	Sociology 303	3
—		—	
15		15	

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education 471	3	Education 472	3
History 401	2	History 402	2
History 403	1	History 404	1
Philosophy 301	3	Philosophy 302	3
Government 303	3	Education 481	4
History 441	3	History 442	3
—		—	
15		16	

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. Offered annually. 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. Offered annually. Not open to history majors and minors. Three semester hours.

115—ANCIENT HISTORY—A study of the development of western culture from its earliest manifestations to the end of the Roman Republic. The social, political, economic, and religious institutions of Egypt, the Near East, Greece, and

Rome are examined with an effort to ascertain and appreciate their significance to the evolution of western culture. Special attention is given to the cultural synthesis which developed at the close of the period of Republican Rome. Offered annually. Three semester hours.

116—MEDIEVAL HISTORY—A study of the development of western culture from the beginning of the Roman Empire to the beginning of the Thirty Years War. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other casual factors involved in the Protestant Reformation. The beginnings of nationalism are noted, and attention is given to the beginnings of the types of economic, scientific, and political activity that provides the background for western culture today. Offered annually. Three semester hours.

203-204—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. Offered annually. Three semester hours.

215—MODERN HISTORY—A study of the significant developments within western civilization during the period extending from the Protestant Reformation to the First World War. The scope of the study gradually enlarges until it involves a world view. Offered annually. Three semester hours.

216—CONTEMPORARY HISTORY—A study of the major events, ideas, and institutions which have played a major role in the world since the Second World War. Special attention is given to the continued growth of nationalism, efforts toward world organization, the scientific and technological changes, and the struggle between the democratic and the communistic nations. Offered annually. Three semester hours.

The courses numbered 115, 116, 203, 204, 215, and 216 constitute the basis for the major in history, and in most instances will comprise the minor.

History

303-304—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 203, 204. Offered in alternate years (even). Three semester hours.

313-314—PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems in contemporary civilization, such as revolution, nationalism, and colonialism. Offered alternate years (odd). Two 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: History 113-114, or 115-116 as desired. Offered alternate years (odd). Two semester hours.

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 115-116 prerequisite. Three semester hours.

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 (odd). Three semester hours.

362—HISTORY OF THE NEAR EAST—A study of the development of the Near East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

363—HISTORY OF THE FAR EAST—A study of the development of the Far East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

371-372—LATIN AMERICAN HISTORY—Spanish and Portuguese exploration, conquest, and colonization of Amer-

ica. 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 203-204. Offered as desired alternate years (odd). Two 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 (even). Two semester hours.

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

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 rather than Bible 123-124. Required of all Bible majors. Offered annually. Three semester hours.

431-432—REFORMATION OF THE NINETEENTH CENTURY—A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Required of all Bible majors. Offered annually. Three semester hours.

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. Offered annually. Three semester hours.

445—HISTORICAL RESEARCH—Study in 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.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of four classifications—Trustees, 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 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 for their commitment to the purpose of the College.

Term Expires 1967

Harlis Boling, M.D.—Physician, Kingsport, Tennessee.

Samuel C. Bower, M.D.—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.

The Trustees

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

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

Term Expires 1966

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

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

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

William E. Gilbert—Professor-emeritus, Radford College, Radford, Virginia.

Frank D. Hannah—President, Unaka Stores, Erwin, Tennessee.

Leslie L. Lumsden—Retired, Elizabethton, Tennessee.

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

W. Clyde Smith, D.D.—Minister, Retired, Piney Flats, Tennessee.

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

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

Term Expires 1965

Byron F. Harper, Jr., M.D.—Physician, Atlanta, Georgia.

C. Howard McCorkle—*Vice Chairman*—Superintendent City Schools, Johnson City, Tennessee.

Ard Hoven—S.T.D., Minister, Broadway Christian Church, Lexington, Kentucky.

**Emeritus, retired 1959 after 37 years of service.

The Trustees

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

Steve Lacey, L.L.D.—*Chairman*—Pure Oil Distributor, Johnson City, Tennessee.

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

John U. Phelps—Minister, Church of Christ, Mill Hall, Pennsylvania.

Roy True—Public Accountant, Indianapolis, Indiana.

George Walker—Insurance Executive, Canton, Ohio.

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

OFFICERS OF ADMINISTRATION

Dean E. Walker	President
Guy Oakes	Dean
Ray E. Stahl	Executive Secretary
Joseph H. Dampier	Provost
Joseph P. McCormick	Assistant to the President
Mary Jewell Ladd	Dean of Women

STAFF MEMBERS

Ruth Ratcliffe	Secretary to the President
June Leonard	Secretary to Mr. Stahl
Phyllis Parsley	Secretary to the Dean
Virginia Laws	Accountant
Sarah Smith	Bookkeeper
Charlotte Blevins	Cashier
Phyllis Fontaine	Office of Records
Lucy Swain	Housemother
Willie Botkin	Housemother
Sadie Kinlaw	Housemother
Florence Ritz	Dining Room Manager
Preston Kyle	Maintenance Foreman
Joy Watterson Sutherland and Carol Porter	Nurses

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.

HENRY J. DERTHICK, President-emeritus (1917)

B.A., Hiram College; M.A., University of Michigan; Columbia University; LL.D., Milligan College.

DEAN EVEREST WALKER, President (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.

GUY OAKES, Dean of the College (1943)

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

RAY EMERSON STAHL, Executive Secretary in Charge of Business and Public Relations (1950)

B.A., Bethany College; Ed.M., University of Pittsburgh; B.D., Butler University; St. Vincent College; Pittsburgh School of Accountancy; University of Kentucky.

JOSEPH H. DAMPIER, Provost (1958)

B.A., Cincinnati Bible Seminary; Ed.M., University of Pittsburgh; Princeton University; Xenia Theological Seminary; D.D., Atlanta Christian College; L.L.D., Johnson Bible College.

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

B.A., Milligan College.

MARY JEWELL LADD, Dean of Women (1963)

B.Th., B.O., Northwest Christian College; University of Oregon; Linfield College.

MARY LUCILE ARCHER, Assistant Librarian (1962)

B.S., East Tennessee State College; M.A. in L.S., George Peabody College for Teachers.

The Faculty

ROBERT R. BOTKIN, Assistant Professor of Bible (1964)
B.A., Atlanta Christian College; B.A. LaGrange College; B.D., Emory University; Ph.D., Emory University.

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

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

BEAUFORD H. BRYANT, Associate Professor Religion (1956)

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

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.

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.

ANN BRADING DOWD, Assistant Professor of Piano (1963)

B.M., Oberlin College; M.M., New England Conservatory of Music; Salem College.

JOHN DOWD, Assistant Professor of Music (1963)

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

ROBERT O. FIFE, Associate Professor of History and Philosophy (1954)

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

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

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

LOIS HALE, Professor of English (1947)

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

ROY HAMPTON, Assistant Professor of Mathematics (1963)

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

WANDA LEE HAMPTON, Assistant Professor of English (1962)

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

The Faculty

FLOYD HEINEY, Assistant Professor of Psychology (1963)

B.A., Butler University; M.A., Ohio State University; Indiana University.

DENNIS HELSABECK, Associate Professor of Counselling 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., John Hopkins University; University of Chicago.

*DALE L. HUDSON, Assistant Professor of Music (1960)

B.A., Millsaps College; B.M., M.M., Mississippi Southern College; Michigan State University; Florida State University; Trieste.

SAM J. HYDER, Professor of Mathematics (1916)

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

IVOR JONES, Professor of History (1942)

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

MAGDALEN BROYLES JUSTICE, Assistant Professor of Biology (1962)

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

DOROTHY LARSON, Assistant Professor of Christian Education (1963)

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

BETTY JEAN LAWSON, Assistant Professor of Music (1956)

A.A., Mt. San Antonio College; B.M., M.M., University of Redlands; University of Southern California.

JACK CORBIN MARTIN, Instructor in Biology (1963)

B.S., M.S., East Tennessee State University.

JOHN LEONARD McCONNELL, Assistant Professor of Biology (1964)

B.S., Ohio State University; M.S., Ohio State University.

CHARLES S. MONTGOMERY, Assistant Professor of Education (1960)

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

The Faculty

JOHN W. NETH, JR., Librarian (1953-58, 1962)

B.S., Bethany College; M.A. and B.D., Butler University; M.A. in L.S., Peabody College.

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

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

MARGUERITE PARRIS, Assistant Professor of Education (1960)

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

DAVID EVERETTE PARSLEY, Assistant Librarian (1963)

B.A., Ozark Bible College; M.S., Fort Hays State College; M.A., University of Denver; Emporia State Teacher's College; Midwest Christian College.

EUGENE P. PRICE, Professor of Business Administration (1949)

B.A. and M.A., Duke University; Harvard University.

E. JANET RUGG, Assistant Professor of English (1955)

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

DONALD RAYMOND SHAFFER, Assistant Professor of German (1963)

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

CARL E. SHAW, Professor of Psychology (1963)

B.Ed., Eastern Illinois College; M.A., Miami University of Ohio; Ph.D., Purdue University.

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.

CAMERON C. SINCLAIR, Assistant Professor of Bible (1964)

B.A., Abilene Christian College; Ph.D., Dropsie College; Freed-Hardiman College; Florida Christian College; Abilene Christian College; University of Toronto.

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.

Student Life

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

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

*RICHARD J. TAPPA, Assistant Professor of Music (1958)

B.M., University of Wisconsin; M.S.M., Union Theological Seminary; Eastman School of Music.

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

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

SAMUEL THOMPSON, Professor of Economics (1964)

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

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.

DUARD B. WALKER, Director of Athletics and 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, Associate Professor of History (1950)

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

CHARLES ROBERT WETZEL, Assistant Professor of Philosophy (1961)

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

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

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

MARY PERRY YOUNG, Assistant Professor of English (1962)

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

STUDENT LIFE

Those who are admitted to student membership in Milligan College are required to pledge themselves to accept seriously the direction of the faculty in developing them-

Student Life

selves toward the possession of character—mental, moral, physical, and spiritual—which is the declared goal of the college community. Candidates for admission to student membership must present evidence of ability to do college work. In order to assist students to relate themselves to the various fields of learning, as they apply to social and professional life, a wide variety of organizations and activities have been approved by the faculty. Proposals to initiate new groups or activities may originate with the students. This initiative is encouraged by the faculty.

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.

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. Stu-

Student Life

dents 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 by the Hopwood Memorial Christian Church adjoining the campus, 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.

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 on the third floor of the Administration Building provides a quiet place for devotions and meditations during the day. 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

Student Life

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 week-end often finds many of these teams scheduled for youth rallies, missionary conferences, and church services in distant places.

The Milligan College Ministerial Association is an organization of ministerial students and members of the faculty who are ministers. Members of the Association take part in the regular chapel services. 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.

The Zelotai Club is open to the wives of Milligan ministerial students. Members are hostesses of Guest Day on the campus. The meetings of the club are designed to explore the opportunities for service in the role of the minister's wife. Wives of ministers on the faculty are sponsors for the organization.

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 Mil-

Student Life

ligan. The Monday Chapel Services, Service Week, and Cleanup Day are a few of the many projects of the Student Council.

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 widespread recognition. The Milligan College Touring Choir is known throughout the eastern United States. This group of more than forty voices includes appearances in churches and national conventions in its annual tour.

The Concert Choir is an organization of approximately forty voices. It provides special programs for the College community, such as operas, operettas, and oratorios.

Vocal and instrumental ensembles are featured as part of the choir programs and present individual programs to schools, churches, and civic organizations.

Athletics

Milligan College encourages participation in inter-collegiate 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, bowling, archery, tennis, badminton, ping-pong, horseshoe, swimming, and softball.

Student Life

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

Students interested in golf may secure, for a small greens fee, playing privileges at the Elizabethon Country 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 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.

Professional Organizations

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 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

Student Life

field trips are scheduled annually to the plants and offices of leading industries in the area.

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.

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.

The German Club, Der deutsche Burschenverein 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 in an atmosphere of old-world Gemuetlichkeit.

Students preparing for a teaching career will 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 Buffalo Ramblers is an organization open to all Milligan College students who wish to explore the beautiful hills and valleys surrounding the College.

The Campus

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 1964-65

President—HUBERT A. BULLIS, JR.

First Vice-President—DUARD ALDRIDGE.

Second Vice-President—JOSEPH SOUTHERLAND,
Minister.

Secretary—MARY YOUNG, Associate Professor, Milligan College, Milligan College, Tennessee.

Treasurer—IVOR JONES, Professor, Milligan College, Milligan College, Tennessee.

Directors—Mrs. Leslie Lumsden, Elizabethton, Tennessee.

Dr. James Hamilton, Physician, Kingsport, Tennessee.

Mrs. Steve Lacy, Johnson City, Tennessee.

THE CAMPUS

Milligan College occupies a campus of above one hundred 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.

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. Administrative offices, classrooms, and the auditorium are located here. The concert organ in the auditorium is a gift of Mrs. Carla Burnham Keys as a memorial to her husband.

The Campus

The Library contains more than 30,000 volumes on open shelves. More than 200 current periodicals are on open shelves in the reading rooms. This material has been carefully selected to meet the needs of the program of study in Milligan College. It is housed in the new P. H. Welshimer Memorial Library Building. The library is fully catalogued. Personal guidance and reader service are available at all times.

Hardin Hall was built in 1913. This three story brick residence hall with its social rooms is a favorite meeting place for many campus organizations as well as for informal social events and public receptions. The donors, Mr. and Mrs. George W. Hardin, 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, "Lovers of Youth." It stands on the slope of the hill above the middle campus.

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. However, some 800 spectators can be accommodated in the stands. A limited amount of dormitory space is in this building, the gift of Joel O. Cheek of Nashville, Tennessee.

The President's House stands near the main entrance to the campus.

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 marshaled 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

The Campus

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 new dormitory for men, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960.

The P. H. Welshimer Memorial Library was dedicated November 24, 1962. 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.

PROCEDURES

MATRICULATION

Matriculation is the formal admission of an applicant into membership in Milligan College to either freshman or advanced standing.

The person seeking enrollment must make written application to the Committee on Admissions on a form provided by the College. A non-refundable fee of ten dollars must accompany this application. The application should be mailed to the Committee on Admissions.

The College is concerned that the candidate be able to profit by membership in Milligan; therefore, the Committee on Admissions may require such supplementary information as it deems necessary. The Committee will evaluate the suitability of the candidate for College membership in accordance with the following standards:

Character

The candidate must possess serious purposes, good character, and wholesome personality.

Health

The candidate will be required to furnish on a form provided by the College a report of physical examination by a physician.

Scholastic Preparation

The applicant must be a graduate of an accredited high school or other secondary school. An applicant graduating in the lower half of his class may be required to make a satisfactory score in the Scholastic Aptitude Test or the College Entrance Board Examination.

Procedures

Recommended High School Preparation

Experience has demonstrated correlation between achievement in college and completion of certain courses in high school. The following distribution of high school units is very strongly recommended:

3	English
2	Foreign Language
1	History
1	Algebra
1	Plane Geometry
1	Science (Biology, Chemistry, or Physics)

At least five fields from the above list, with a minimum of seven units, must be included.

Students who plan majors in mathematics or chemistry should, if possible, take trigonometry in high school in addition to one unit each in algebra and plane geometry.

Students planning to major in biology should, if possible, include a unit of biology in their high school program.

Students planning to major in social studies should, if possible, include one unit each of history and government in their high school studies.

Admission by Examination

Applicants for admission to Milligan College, not able to satisfy the entrance requirements by high school diploma, may substitute a satisfactory score on the college entrance examination. One year's work at Milligan must be satisfactorily completed before credit on college courses can be transferred.

Veterans and civilian students over 21 years of age may be admitted if they qualify for a high school diploma on the basis of satisfactory scores on the GED (General Education Development) tests.

Admission to Advanced Standing

Students coming from other colleges are required to present a complete transcript of all work taken in such colleges, as well as a statement of the high school work presented for entrance and a letter of honorable dismissal.

In the evaluation of advanced standing the point hour ratio employed by Milligan will be used.

Special Students

In unusual circumstances an applicant over twenty-one years of age who, though not qualified in any of the above ways but able to demonstrate fitness for college work, may be admitted as a special student, but not as a candidate for a degree. In case a special student decides to become a candidate for the degree, he must satisfy the entrance requirements in full within two years from the time of his admission. No person who can meet the requirements for admission as a regular student is admitted as a special student. Special students are not permitted to represent the College in inter-collegiate contests.

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

Milligan College does not operate for profit. Expenses are kept at a minimum consistent with efficiency and high standards.

The personal services to the student—room, board, and the activities covered by the service fee—are provided at the lowest possible cost.

Expenses

The tuition in Milligan provides only half of the actual instructional cost. The other half is secured from endowment earnings and gifts. The minimum expense to a student for one semester is :

Tuition (for 12 to 17 hours)	\$262.50
*Board	180.00
Room	135.00
**Service Fee	30.00

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
Health and Physical Ed. 251, 303	5.00
Science Laboratory Fee	10.00
Secretarial Practice	10.00
Typing	10.00
Biology 311	12.00

Music Fee (One lesson a week per semester)

Organ	\$40.00
Piano	25.00
Voice	25.00

Practice Time for Applied Music (One hour a day per semester)

Organ	\$20.00
Piano	10.00

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

**In order that all students may participate equally in a number of personal services of the College, a small fee known as a service fee is charged every student. This makes possible admission to all numbers 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.

Miscellaneous Fees (per semester)

Tuition each academic hour over 17	\$15.00
Tuition each academic hour under 12	22.00
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	5.00
Late registration fee per day	5.00
Change of course fee	5.00
Fee for materials and methods courses	5.00

Board

The cost of Board is \$180.00 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 \$13.00 per week for the period of their stay in the College.

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 pro-rata 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 shall be given for scholarships 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.

Expenses

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 Dean before leaving college.

Dropping a Course

A student may drop a course by permission of the professor and Dean and on notification of the registrar and business office on forms provided for this purpose.

No student will receive credit for a course dropped unless it occurs within the three weeks from the official date of the semester registration.

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.

Room Deposit

Since the accommodations in the dormitories on the Milligan campus are limited, a room deposit is required each year of all dormitory students. This fee is twenty-five (\$25.00) dollars and reserves a room in one of the dormitories. Returning students must file this deposit on or before May 1. New students pay the fee upon notification of their acceptance for admission. The fee is applied to the first semester room rent and is not an additional charge. Unless the College is notified by July 1, the deposit will not be refunded.

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.

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 twenty-two (\$22.00) dollars per semester hour.

Payment of Accounts

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

For those who cannot meet all of the semester cost at the beginning of a semester, the College has made arrangements with Tuition Plan, Inc., for parents and students to contract with that organization for deferred payment of the College account through a combination insurance and loan program. Details of the plan may be obtained by writing the Business Office of the College.

No student may register for a new semester who has a financial obligation from a previous semester.

The financial policy of Milligan College provides that no transcripts of credit for any course will be released until all financial obligations to the College have been met. In addition, the College reserves the right to withhold degrees or certificates pending settlement of financial obligation to the College.

Textbooks

New and used textbooks may be purchased at the College Bookstore located in Hardin Hall. The cost of textbooks usually does not exceed \$50.00 for the year.

Linen Service

By special arrangement with a local linen supply company the school has made available to all dormitory students a linen rental service. This service will provide a clean set

Expenses

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 \$25.00 for the academic year (plus state sales tax). This service represents the ultimate in convenience and its use is enthusiastically encouraged by dormitory head residents.

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

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.

A limited number of scholarships are available for ministerial students who demonstrate both worthiness and need.

Application for all scholarships must be made in writing on forms available at the Registrar's Office or Business Office. Scholarships are valid only when the application has been approved by the President of the College. No scholarship may be claimed as a right. A student may not receive more than one scholarship or grant-in-aid.

Part-Time Employment

The College employs students on a part-time basis in the offices, dining hall, library, and in campus and building maintenance. Amounts so earned are credited to the student's account at the College.

To retain work assignments, students must maintain a level of scholarship that is satisfactory to the administration and perform their assigned work to the satisfaction of the supervisor in charge.

Part-time employment may also be found with firms in Johnson City and Elizabethton. Students who have had experience in some form of specialized work have excellent opportunities of securing part-time employment.

Milligan students serve churches in the area as ministers, assistants to the minister, or as directors of music.

Students engaged in part-time employment may not enroll for more than sixteen academic hours without permission of the Dean of the College.

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.

Expenses

Veterans of The Korean Conflict

Milligan College is eligible to receive veterans under the provisions of Public Law 550, 82nd Congress and Public Law 894, 81st Congress (disabled veterans). An education and training allowance is paid monthly to the veteran, and he pays his college expenses from his allowance.*

Eligible veterans should obtain from the Veteran's Administration a Certificate of Education and Training, which must be presented to the College at the time of registration, as the College is required to certify that the veteran is actually enrolled and in attendance. Applications for benefits may be obtained from the nearest VA office or by writing the Business Office of Milligan College. These applications should be filed at least two weeks prior to the day of registration. Veterans whose certificate of eligibility is obtained outside of the state of Tennessee should request their Veterans Administration office to send their file to the Tennessee office (U.S. Courthouse, 801 Broadway, Nashville 3, Tennessee).

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.

The Federal Student Loan Program

The National Defense Education Act of 1958 provides some funds under provisions known as the Federal Student

*Because of the low cost at Milligan Korean veterans find that they can cover most of the costs of their education through the G.I. benefits.

Loan Program. Preference is given to needy students preparing for careers in elementary and secondary teaching and who desire to major in mathematics, science, and modern foreign language. Application for such loans must be made to Milligan College on forms supplied for that purpose. Inquiries may be addressed to the Business Office.

REGULATIONS

Observance of the following regulations is required for continuance in membership in Milligan College.

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 Dean of the College.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bed sheets, towels, 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.

Conduct

Good conduct reflects self respect and regard for others. Only exemplary conduct in this regard will assure continued membership in Milligan College.

The Milligan tradition requires each student to respect the person and time of his fellows in action and speech. Violation of this tradition through hazing, profanity, or the possession or use of alcoholic beverages will incur liability of immediate dismissal.

Academic Information

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

Social or folk dancing is not part of the Milligan tradition.

The Dean of the College may require of any student justification of his use of the liberty and responsibility accorded him by his privilege of membership in the College.

Automobiles

The privilege of using an automobile is not extended to a freshman. The use of an automobile by an upper class student on the campus is, in ordinary cases, unnecessary. A student desiring this additional privilege must make written request to the Dean of the College. 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 the campus.

Social Activities

All social activities must first be approved by the faculty sponsor and then entered on the social calendar by the Secretary to the President.

Dormitories

The Resident or House Mother in each dormitory, in conference with the Dormitory Council, provides such regulations as may seem conducive to the best community life in the dormitory.

ACADEMIC INFORMATION

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 freshmen rank are detailed in the matriculation section of this catalog.

For continued residence a freshman student must attain a point hour ratio of 1.5; a sophomore must attain a point hour ratio of 1.8; a junior must attain a point hour ratio of 2.

Students may be permitted to return for one semester on probation, upon consideration and recommendation of the advisory council. Probation shall not be extended to freshmen with a point hour ratio below 1.2 nor to a sophomore with a point hour ratio below 1.5 nor to juniors with a point hour ratio below 1.8.

In order to be ranked as sophomore the student must complete 26 semester hours; junior standing requires 58; and to be classified as a senior 92 hours must be completed.

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. Forms for requesting unclassified status are available at the Registrar's office.

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

Unclassified students are not permitted to represent the College in inter-collegiate contests and cannot vote in class elections.

Academic Information

A student may so arrange his work to accumulate 32 semester hours each year, toward the total 128 semester hours required for advancement to the baccalaureate degree. This program, requiring four years for completion, is regarded as normal.

Students undertaking a program of studies including professional or vocational courses in addition to those required for the baccalaureate degree should arrange to add the number of semester hours necessary. A student electing to meet such career objectives should anticipate so far as possible a distribution of such courses over his four years. The student load may not be less than twelve nor more than eighteen hours without the consent of the Dean of the College.

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, Business Administration, English, Health and Physical Education, Mathematics, Music, Science, Secretarial Science, and Social Studies.

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.

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 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.

WP—Withdrawn with passing grade.

Students withdrawing officially from classes before mid-term examinations will receive “W’s”. Students withdrawing after the mid-term examinations will receive “WP’s” or “F’s” as the case may be.

Absences

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

Chapel affords an opportunity for learning for which there is no substitute. Accordingly, chapel attendance is required. More than four unexcused absences from chapel will involve the assignment of the grade “F” for all courses in which the student has been enrolled during that semester.

Absences preceding and following college holidays will be counted as double the number of hours missed.

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

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree,

Academic Information

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 the point hour ratio of at least 3.75.

Cum Laude, based on a point hour ratio of at least 3.33.

Reports

The Registrar will issue a report of the faculty evaluation of each student's work at the close of each semester and following each mid-semester examination period. The Registrar will mail both reports to the parents or guardians of each freshman. Report on the work of all upper-classmen are mailed to the parents or guardians at the end of each semester.

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.

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.

Glossary

Advisor—Member of the faculty to whom the student may be assigned for curricular and personal counseling.

Major—An area of concentration in one field representing not fewer than twenty-four hours.

Minor—An area of concentration in one field representing not fewer than eighteen hours.

Point Hour Ratio—The average grade expressed in numerical tests. It is obtained by dividing the total quality points by the number of semester hours. For example, a point hour ratio of 3.00 represents an average grade of "B".

Quality Point—The numerical value assigned to a letter grade. A grade "D" is assigned one point per semester hour. The numerical value increases one point for each advance in the letter grade. Thus an "A" grade is assigned 4 quality points per semester hour.

Semester Hour—Represents one hour of class attendance a week for a semester. For example, a course assigned three semester hours or credit meets for 3 one-hour sessions per week for the semester.

REQUIREMENTS OF A DEGREE

A student advancing to the baccalaureate may select the Arts of Science 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.

Requirements for a Degree

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

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

The chart below indicates the specific course requirements for the Bachelor degree.*

Area of Learning	Content Fields	Semester Hours
Biblical	Bible	6
Humane	English	12
	**Foreign Language	12
	Psychology	6
Professional	Physical Education	4
Scientific	Biology	
	or Chemistry	
	or Physics	8
	Mathematics	6
Social	American History	6
	Sociology	
	or Economics	
	or Government	6

*The candidate for the degree must present, in addition to the above requirement, a major consisting of 24 semester hours, a minor of 18 semester hours and electives to total 128 semester hours.

**Students presenting two units of foreign language from the secondary school may satisfy the language requirement with six semester hours at the 200 level in this same language.

Comprehensive Examinations

Each candidate for a degree in Milligan College must satisfactorily complete a comprehensive examination in his major field under the direction of the area chairman in charge of the major subject.

Requirements for a Degree

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 at Milligan and two years at 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 at Milligan College as medical or law students.

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.

Endowment Funds

- 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 Serepta 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.

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. Dean Everest Walker, President, Milligan College, Milligan, Tennessee.

EIGHTY-FOURTH ANNUAL
COMMENCEMENT
JUNE 1, 1965

Bachelor of Arts Degree

Marsha Ann Bailey	Robert Andrew Lowe
Carol Lynn Barker	Karl Madison Marshall
Nancy Jean Bennett	Patsy Jean Martin
Bobby Gene Booth	*Sandra Lee McBane
Larry Leroy Brandon	*Joan Louise Mikesell
Carol Henry Bruce	William Bruce Montgomery
Carol Ann Chandler	Anita Belle Murray
Annas Thompson Clark	Rebecca Gregory Neff
George William Clark	William Archie Nice
Barbara Kay Collins	Larry Edman Patterson
Ellen Teresa Cotton	Louise Arminta Patterson
Joan Marie Cunningham	Alfred Park Range, Jr.
Phyllis Clark Curd	Marsha Ruth Read
Nell Earlene Donnelly	James Burrell Richardson
Joanne Love Faust	Donna Sahli Roberts
*Jerry Evan Frasure	*Ronald David Roberts
Sally Louise Gray	Nancy Irene Rogers
Carolyn Lou Haggard	James Donovan Saunders
*Gary Harlan Hall	James L. Shields, Jr.
James Frederick Harding, Jr.	*Arbeth Reitmeyer Simmons
*Myrtle Mae Heid	Ruth Ann Sims
David Lee Herndon	Larry Dale Sizemore
*Darrell J. Hiatt	Lynda Lea Starrett
Nina Diane Hubbard	Margaret Harber Tomlinson
Maxwell H. Keckler	Larry Gene Tucker
*Robert Fremont Kerrick	Thomas Larry Veigel
Leonard S. Noel Kirk	Phil Alfred Webster, Jr.
	*Ralph A. Wheeler, Jr.

Bachelor of Science Degree

Karen Marie Atha	Robert Samuel Lipes
Lynn Frances Bodwell	John Carroll Neff
Lewis William Campbell, Jr.	James Lewis Perkins
Samuel Robert Cassell, Jr.	Donald Ray Pickford
Joyce Annette Cobb	John William Pickford
Dorthea Ann Comber	Karolynn Rinn Probst
Haide Ensha	Daniel Edward Specht
James Randolph Grubb, Jr.	Forrest Russell Stevens, Jr.
Marcia Ann Harrison	George Lewis Taylor
Stephen Jack Hayes	Lloyd James Taylor, Jr.
George Wayne Herndon	Glenda Gay Warner
Jerry Mason Hicks	Harry Beckwith Whitt, Jr.
Moon Sik Hwang	William Randall Wright
Marvin Ray Johnson	Francis Arthur York
Mary Ellen Kitzmiller	Luther C. Young

Honors

Jerry Frasure, Valedictorian
Darrell Hiatt, Salutatorian
Sandra McBane, Florence Ley Walker Award

Honorary Degrees

Mildred Welshimer Phillips, Doctor of Humane Letters
William Harold Hockley, Doctor of Sacred Theology
Fred William Smith, Sr., Doctor of Sacred Literature

*cum laude
**magna cum laude

FIRST SUMMER COMMENCEMENT

August 14, 1964

Bachelor of Arts

Sonja Faye Alligood
Walter Lee Arnold
Roger King Bennett
John Daniel Boothe
Jane Frances Costello
Parthena Cecil Croom
Ronald Kay Garard
Wallis Ann Glodich
Olin Wayne Hay
Paul Howard Keeran
Stanley Thomas Lewis

Carol Epling McGlothlin
David Allen Nash
Margie Clark Presley
Danny Joe Simmons
Rebecca Marsh Starr
Margie Reed Taylor
Richard Eugene Teaster
Roger Earl Tuning
William Reid Ware, Jr.
Jimmy N. Warner
Linda May Warner

Bachelor of Science

William Russell Bianchi
Barbara Lillian Brown
Gary L. Bruce
James Hewitt Crawford
Arnold Hudson Dort
Phillips Brooks Hansen
Billy Ray Harrell

Mary Evelyn Huffman
Raymond Lowell Pemberton
Doris Pennington Perkins
Alban Edsel Shumate
Lewis Hampton Shumate, III
James Monroe Stevens
Thaddeus J. Worrell

Honorary Degree—Ross Hindley Dampier, Doctor of Divinity

STUDENT DIRECTORY

Seniors, 1964-65

<i>Name</i>	<i>Home State</i>
Allen, Barbara Jo.....	Ohio
Bailey, Henry Clay, Jr.....	South Carolina
Bain, Lawrence Wade, Jr.....	Ohio
Barb, Martha Ann.....	Tennessee
Barnard, Thomas Alexander.....	Virginia
Bell, Barbara Ruth.....	California
Berns, June Marie.....	Michigan
Besteder, Richard.....	Pennsylvania
Bishop, James Wilkie.....	Tennessee
Blakely, Elton Timothy.....	Indiana
Bondar, Walerij A.....	New Jersey
Booth, Carolyn.....	Tennessee
Bowen, Billy Reese.....	Virginia
Bradford, Michael Lee.....	Tennessee
Bryan, Esther May.....	Ohio
Bullis, Dorothy Mae.....	Ohio
Clem, Carolyn Lee.....	Kentucky
Coleman, Philip.....	Indiana
Colter, Juanita Carolyn.....	North Carolina
Cornelius, William Gordon.....	Maryland
Curtis, Kenneth.....	Tennessee
Dabney, Robert Whitnell.....	Kentucky
Daniels, David Cary.....	Tennessee
Darr, George Alvin.....	Pennsylvania
Daum, Donald Terry.....	Georgia
Davis, Carl Dyer.....	Virginia
Decker, Ronald Bruce.....	Kentucky
Dudukovich, Nick Michael.....	Ohio
Dunavent, David Bruce.....	Indiana
Earnest, Joseph R., Jr.....	Virginia
Earnest, Ralph Nelson.....	Virginia
Eaton, Billie Don.....	Kansas
Eggers, Rosalind Darlynn.....	Tennessee
Ellis, Ronald William.....	Michigan
Ellison, Gary Lee.....	Pennsylvania
Everroad, Stephen S.....	Indiana
Farmer, Rita Sue.....	Virginia
Fife, Sally Elizabeth.....	Maryland
Fulks, David Joseph.....	Tennessee
Garland, Donald Robert.....	Tennessee
Greene, Carol Ann.....	Tennessee
Haden, George William.....	Kentucky
Harkleroad, Daniel Ray.....	Virginia
Hartung, Mary Ann.....	Indiana
Hartung, Michael Edwin.....	Indiana
Haven, Donna Laurie.....	Ohio
Hawk, Nancy Jeanette.....	Indiana
Henry, Ray Cecil.....	West Virginia
Hewitt, Shirley Ann.....	New Jersey
Higgins, Charles Eugene.....	Virginia
Hilbert, Mary Sue.....	Tennessee
Hodge, Hershell Niles.....	Tennessee
Hodge, Norman Earl.....	Tennessee
Honeycutt, Janice Marie.....	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Howe, Bill Kent	Virginia
Hubbard, Denny Keith	Indiana
Hughes, James E.	Tennessee
Huie, Iris Rebecca	Maryland
Hull, Robert Fulton	West Virginia
Human, Rebecca Ruth	Tennessee
Humphreys, Phyllis Dean	Tennessee
Hunt, Bonnie Kay	North Carolina
Hutchings, Geoffrey Kirsop	Ohio
Hyer, Douglas Everitt	Ohio
Jenkins, Gary Gene	Kansas
Johnson, Clifton Jordan	Pennsylvania
Judd, Jerry Leland	Indiana
Klipsch, Josef William	Indiana
Knowles, David Elliott	Ohio
Korpi, Marion	Massachusetts
Lanier, Lana Jane	Ohio
Larter, Suzanne	Ohio
Taylor, Sylvia Lyon	Maryland
Mathes, Rita Ann	Tennessee
McClain, Judith Elinor	Ohio
McCorkle, Nancy Williams	Tennessee
McFarland, Glen Melvin	Indiana
McMullen, David Wilbur	Indiana
McSwain, Ronald	Tennessee
Messman, Kenny Wayne	Maryland
Mettetal, Mattie Cecile	Tennessee
Miller, Terry Jewell	Indiana
Milhorn, Barbara Ann	Tennessee
Moore, Sandra Carol	Indiana
Moore, William Clinton	North Carolina
Morison, William James	Tennessee
Munsey, Larry Allen	Virginia
Newman, James Michael	Indiana
Newsom, Pridene Ann	North Carolina
Newton, Norma Stanley	Tennessee
Ollis, Elizabeth Ellis	Tennessee
Orr, Linda Lou	Virginia
Painter, Edgar Lynn	Virginia
Pappert, Edward Loren, Jr.	Ohio
Patton, Marsha Elaine	Tennessee
Pennington, Loretta	Maryland
Perry, Gordon Hudson	Rhode Island
Piper, Richard Irvin	Tennessee
Powell, Phillip E.	Tennessee
Price, Rodney A.	Illinois
Putt, Betty Jo	Indiana
Ratliff, Kathy Lorraine	Virginia
Reid, Linda Beverly	New Jersey
Roberts, Beverly Ellen	Illinois
Rogers, Diana Hodges	Virginia
Ross, Calvin Wayne	Kansas
Rowe, Robert Landon	Tennessee
Rowland, Janice Daye	Ohio
Russell, James Clyde	Tennessee
Saylor, Claudia LaVerne	Tennessee
Schiappacasse, Pamela Rose	Tennessee
Sergent, Barbara Sue	Virginia
Shepherd, Mary Lynn	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Smith, Leonard Pope.....	Kentucky
Snell, Ross Philip.....	Georgia
Stapleton, Joseph M.....	Pennsylvania
Sturtz, Rodney Alan.....	Pennsylvania
Sutherland, Robert W.....	Indiana
Talbott, Lionel Alger.....	Kentucky
Thompson, William Bruce, Jr.....	Tennessee
Tressler, Sheila Pauline.....	Pennsylvania
True, Nancy Jo.....	Indiana
Walker, Pamela Day.....	Ohio
Walters, Alton Wayne.....	Virginia
Walters, Jo Ann.....	Indiana
Walters, William Harry.....	Indiana
Warfield, Rose Carolyn.....	Maryland
Watz, Vonda Elizabeth.....	Indiana
Waugh, Jack Sherman.....	West Virginia
Weed, Donna Rose.....	Ohio
Wharton, George.....	Pennsylvania
White, Charles Allen.....	Kentucky
White, John.....	Virginia
Wildman, Robert Walter.....	Virginia
Wilson, Frederick Earl.....	North Carolina
Woolard, Leroy.....	North Carolina
Yoo, Ok Jin.....	Korea

Juniors 1964-65

<i>Name</i>	<i>Home State</i>
Bain, Walter Louis.....	Florida
Barkdoll, Leonard Gerald.....	Washington, D. C.
Barker, Robert Dwight, Jr.....	Virginia
Barnes, Harriett Elizabeth.....	Maryland
Benscoter, Mary Ellen.....	New York
Blair, Charles Randall.....	Virginia
Blizzard, William.....	Indiana
Blowey, Janet.....	Oklahoma
Bolejck, Jenny.....	North Carolina
Boles, George.....	Tennessee
Bower, Marcia Ruth.....	Pennsylvania
Bower, Samuel Charles.....	Pennsylvania
Bowles, Donald Gail.....	North Carolina
Boyd, John Donald, II.....	Ohio
Braley, Gerald Neil, II.....	Maryland
Brandon, Nancy Ruth.....	Indiana
Brooks, Robert Charles.....	Florida
Butler, Nancy Elizabeth.....	Pennsylvania
Campbell, Charles Kenneth.....	Tennessee
Carnes, Robert Alexander.....	Ohio
Cerovac, Lee Arnold.....	Ohio
Chambers, Carolyn Jeanne.....	Tennessee
Chambers, Jim William.....	Tennessee
Clark, Jerry Warren.....	Virginia
Clark, Larry Dean.....	Indiana
Clark, Peter Joseph.....	Delaware
Collins, Douglas McArthur.....	Virginia
Colson, John Pershing.....	Indiana
Comer, Jean Davis.....	North Carolina
Conklin, Paul Allen.....	California

Student Directory

<i>Name</i>	<i>Home State</i>
Cooper, Camden	Florida
Cooper, Doni Ann	Virginia
Crouch, Lorna Jeanne	Tennessee
Crowe, Terry Clifton	Tennessee
Dawson, Robert Burgess	Virginia
Daniels, Sam	North Carolina
Dillon, Robert	Virginia
Dotson, Dennis	California
Douffas, Dora Ann	Washington, D. C.
Druley, Michael E.	Indiana
Dulaney, Vesta Madge	Virginia
Ellis, Janet Kiser	Illinois
Ellison, Thomas Edward	Pennsylvania
Emery, Wayne Frederick	Arizona
Ensor, Richard D.	Tennessee
Estep, Glenn Tipton	Tennessee
Faust, Cheryl Elyse	Ohio
Fields, Freddie Martin	Virginia
Fleeman, George William	Virginia
Ford, Vivian Ann	Tennessee
Friar, George Allen	Tennessee
Ganz, Richard Lee	Indiana
Garris, Callie Clifton, Jr.	North Carolina
Golding, Harold Thomas	North Carolina
Graf, Gretchen Elaine	Indiana
Gregory, James Clyde	Missouri
Grunder, Elizabeth Ann	Ohio
Hannum, Martha Constance	Ohio
Harkey, Nancy Lynn	Georgia
Hass, Robert Alexander	New York
Hayes, Patricia Diane	Pennsylvania
Heath, Duane J.	Indiana
Henderson, Margaret Ann	Ohio
Hendricks, James Ernest	Ohio
Hessler, Leo Graydon	Pennsylvania
Hill, Carol Lynn	Ohio
Hill, Walter Gregory	Kentucky
Hittle, Barbara Kay	Indiana
Howard, Jan Elizabeth	Tennessee
Jackson, Rex Wayne	Indiana
Jenkins, Carol Cody	Tennessee
Jessee, James Jackson	Florida
Johnston, Richard Thomas	Ohio
Justice, Karl Lee	Tennessee
Kleinfeldt, Gaylen V.	Virginia
Kling, Marilyn Louise	Pennsylvania
Lady, Donald Wayne	Tennessee
Lacy, Michael Stephen	Tennessee
Lease, Diana Fay	Virginia
Leatherman, Wilmer Eugene	Virginia
Leggett, David James	Pennsylvania
Linton, Constance Marie	Ohio
Liston, Shirley Kathryn	West Virginia
Loichle, Patricia Elaine	Indiana
Longabaugh, Barbara Lynn	Ohio
Love, William Doran	Tennessee
Lowe, Lonnie	Tennessee
Madill, Jeraldnye	Ohio
Maiden, Roy Altus, Jr.	Virginia

Student Directory

<i>Name</i>	<i>Home State</i>
Marshall, Linda Sue.....	Tennessee
Maxey, Paula.....	Indiana
McBee, Margaret M.....	Maryland
McCune, Thomas Lee.....	Ohio
McKay, Charles Forrest.....	Virginia
Meredith, Gary Wayne.....	Tennessee
Meyer, Roger.....	Illinois
Mills, Alan W.....	Ohio
Miller, James Ralph, Jr.....	Tennessee
Moretz, Paul.....	Tennessee
Morgan, Cheryl Louise.....	Ohio
Niemi, Robert Edward.....	Massachusetts
Nighbert, Judith Ann.....	Indiana
O'Dell, James Smalling.....	Tennessee
Osborne, Betty Carolyn.....	Tennessee
Osborne, Bobby Carol.....	Tennessee
Parke, Nancy Ellen.....	Ohio
Phair, William Long.....	New Jersey
Phillips, Patricia Lee.....	Georgia
Phipps, Michael Howard.....	Tennessee
Phipps, Winton Cornett.....	Virginia
Pierce, William Wayne.....	Indiana
Polly, Richard Tayler.....	Virginia
Porter, Carol.....	Indiana
Powers, Marvin Kenny.....	Virginia
Price, James Norman.....	Florida
Price, Robert Glenn.....	Virginia
Propst, Brenton Dale.....	Maryland
Pugh, David Robert.....	Texas
Purcell, Charla Kay.....	Indiana
Rake, Benjamin Duvall, Jr.....	Tennessee
Randolph, Noel Thomas, II.....	Kentucky
Reed, David.....	Tennessee
Richardson, Jerry Walter.....	Virginia
Robb, Joyce Ann.....	Indiana
Ryan, Richard Lee.....	Tennessee
Shaw, Emily Ann.....	Ohio
Shaw, Karen Lynne.....	Tennessee
Skidmore, Gary M.....	Ohio
Slagle, Linda Lee.....	Virginia
Smith, Nancy Anne.....	Illinois
Smith, Rebecca Ann.....	North Carolina
Smithson, George Edward.....	Tennessee
Stallard, Harley T., Jr.....	Virginia
Starr, Mary Gail.....	Ohio
Steiner, Maurice Lynn.....	Indiana
Stephenson, Barbara Louise.....	Illinois
Stokes, Joyce Helen.....	Georgia
Summers, Robert Frank.....	Virginia
Taylor, Alfred Jerry.....	Maryland
Terry, Wilson Arnold.....	Virginia
Thomas, Ida Paulette.....	Indiana
Thompson, William Lester, Jr.....	Illinois
Tindall, Molly.....	Indiana
Tinker, Richard Tyler.....	Florida
Tipton, Lynn.....	Tennessee
Treadway, Judy Jureitta.....	Tennessee
Tribble, Gerald Lee.....	Tennessee
VanBodegraven, Alan Louis.....	Indiana

Student Directory

<i>Name</i>	<i>Home State</i>
Wall, Harry Alvis.....	Virginia
Wallace, Arnold.....	S. Rhodesia
Wassom, Phyllis Christine.....	Tennessee
Watters, Patricia Gertrude.....	Ohio
Webb, Jon Milton.....	Ohio
Webster, John H.....	Pennsylvania
Weitzel, Louise Jay.....	Pennsylvania
Wetzel, Thomas Wayne.....	Tennessee
Whitaker, John, Jr.....	Florida
White, Daniel Marvin.....	North Carolina
Woodby, Stanley Eugene.....	Virginia
Wunderley, Bruce Ernest.....	Pennsylvania
Young, David Harold.....	New York
Young, James Lewis.....	Kentucky
Zavadsky, Carol.....	West Virginia

Sophomores, 1964-65

<i>Name</i>	<i>Home State</i>
Allen, Bertram Sims, Jr.....	Pennsylvania
Andrews, Jerry Alan.....	Virginia
Arnette, Larry Edward.....	Virginia
Arnold, Richard Benny.....	Virginia
Bain, Les Klages.....	Ohio
Ballinger, Jon Wylie.....	New Jersey
Barker, Ronald.....	Virginia
Beck, Stefan.....	Ohio
Black, Linda.....	Indiana
Blevins, Charles Monroe.....	Virginia
Bondar, Nancy.....	New Jersey
Boswell, Don Carl.....	Indiana
Boulton, Michael.....	Indiana
Brandon, Jeffrey Neil.....	Ohio
Branscum, Vera Sue.....	Indiana
Brown, Judy Rosalyn.....	Tennessee
Bullis, Barbara.....	Maryland
→ Bullock, Connie Marlene.....	Virginia
Calton, Jack Ralph.....	Virginia
Cass, Ronald Allen.....	Ohio
Caudill, Mack Jerome.....	North Carolina
Coe, Karen Sue.....	Tennessee
Cole, Eddie Lynn.....	Tennessee
Crafton, Thomas Lee.....	Indiana
Cridlin, Clyde Yeamans, Jr.....	Virginia
Croucher, Donnie Lee.....	Indiana
Daniel, Richard Clinton.....	Georgia
Davis, Brenda Gail.....	Virginia
Dobson, Charles Eugene.....	Indiana
Doolan, Marilyn Crawford.....	Maryland
Elsa, Thomas Wayne.....	Tennessee
Evans, Jane Kathleen.....	Tennessee
Everroad, Richard Alan.....	Indiana
Ferguson, Dianne Lea.....	Ohio
Fish, Vivian Kay.....	Indiana
Foster, Gordon Ronald.....	Indiana
Foster, Judy Lynn.....	Indiana
Frazer, Steven Anthony.....	Ohio
Fulk, Richard John.....	Indiana

Student Directory

<i>Name</i>	<i>Home State</i>
Gautreaux, Judith Lynn	Illinois
Glide, Peter Lawrence	New Jersey
Gordon, Thad Robert	Indiana
Gray, Gary M.	Oklahoma
Gravelly, Nancy Maleia	Kentucky
Grindstaff, Mary Lou	Tennessee
Greene, Norma Jean	Tennessee
Grommes, Dana Lynn	Illinois
Guion, Judith Louise	Indiana
Haley, Wanda Jean	Ohio
Hammack, Rosalie Marie	California
Hansbury, Lynn	New Jersey
Harned, Barbara Jean	Kentucky
Harvey, Robert Henry	Pennsylvania
Haven, Douglas Richard	Ohio
Hay, Vicki Jean	Florida
Henning, Janet Ann	New Jersey
Hilbert, Sharyn Lynn	Tennessee
Hilsenbeck, John Robert, Jr.	Florida
Holland, Patricia Kay	Virginia
Honeycutt, Gene Louis	Tennessee
Honeycutt, Donald Carroll	Tennessee
Hood, Darryl Lee	Indiana
Horning, Carol Lynn	Pennsylvania
Hull, William Ernest	Indiana
Jackson, Carol Marie	Indiana
Jacoby, Susan Frances	Tennessee
Jeffries, Thomas Alan	Indiana
Jennett, James Douglas	Indiana
Johnson, Eileen May	Ohio
Johnson, Rose Mary	Tennessee
Judd, Billy Lamar	Indiana
Keeran, Duane Carlton	Ohio
King, Robert Clifton	Maryland
Koerner, Gary Dean	Illinois
Larson, Roger Allen	New Jersey
Layne, Andrew Sidney	Virginia
Lewis, Kay	Maryland
Lewis, William F.	Ohio
Looney, Kermit H.	Virginia
Loughridge, Patsy Ann	Kansas
Lowery, John Randall	Virginia
Lyon, Brenda	Maryland
Magill, Patricia Hart	Indiana
Malone, Michael Cleopas	Kentucky
Manley, Gregory David	Indiana
Marler, Constance Sue	Alabama
May, Judith Alice	Kentucky
Mayfield, Joyce Lynn	Indiana
McBane, Linda	Ohio
McCalister, Kay Anne	Indiana
McCann, Robert Walter	New Jersey
McCloud, Joseph	Virginia
McMahan, Dernis Smith	Indiana
Meeks, Robert Talmadge	Virginia
Meier, Marlys Ordell	Ohio
Messimer, Ronald	Tennessee
Milligan, Harold	Ohio
Miner, Michael Lee	Indiana

Student Directory

<i>Name</i>	<i>Home State</i>
Moulder, Dennis Martin	West Virginia
Newman, Charles Edwin	Florida
Norton, Dana Paul	Washington, D. C.
O'Dell, Wilma	Tennessee
Orr, William Carl	Virginia
Perry, Joyce Elaine	Indiana
Phillips, Diane Elizabeth	Canada
Phipps, Jackie Ray	Tennessee
Pike, J. Edison, Jr.	Massachusetts
Pulliam, Frank Eugene	Indiana
Reddick, Dorothy Yvonne	Georgia
Reeves, William Franklin	Indiana
Richwine, Diane Ruth	Pennsylvania
Rick, Roger William	Washington, D. C.
Robinson, Kenneth Jay	Indiana
Roth, Rex Ray	Indiana
Sale, Jack, Jr.	Maryland
Sargent, Paul Raymond	Ohio
Schmarr, John Edward, II	Ohio
Shafi, Mahmoud	Iran
Sharpe, Anna Carolyn	Virginia
Sheets, Jerry Dean	North Carolina
Sheets, Troy Wayne	Virginia
Slaughter, John Franklin	Indiana
Smith, Hugh Ellison	Florida
Smith, Nancy Carolyn	Kentucky
Snodgrass, Sylvia Anne	Tennessee
Southerland, Newlyn	Maryland
Springman, Edward Eugene	Indiana
Spurling, Rita	Missouri
Stahl, Ellen Josephine	Tennessee
Stanley, Charles Ronnie	Tennessee
Steed, R. Stephen	Indiana
Steever, Norma June	Maryland
Stewart, Steve	California
Stoughton, Lynniss Carole	Tennessee
Sweeney, David B.	Michigan
Taylor, Diana June	Florida
Tietjen, Richard Lee	Indiana
Toney, Norma Louise	Virginia
Walker, Margaret Carol	Georgia
Walls, Russell Kenneth	Maryland
Ware, Martha Lunsford	Virginia
Warfield, Nancy Lee	Michigan
Washler, Judith Ann	Indiana
Webb, Karen Jane	Tennessee
Wells, Glynn Michael	California
White, Cheryl	Kentucky
Whitright, Curt Earl	Ohio
Wiley, Max	California
Williamson, Claude Emerson	North Carolina
Wilson, Judith Kay	Ohio
Wilson, Miriam Kaye	Tennessee
Wilson, Oscar Howard	Tennessee
Wollett, David Eugene	Washington, D. C.
Yancey, William	Virginia

Student Directory

Name	Home State
Adkins, Steven Kent	Indiana
Allison, Glen David	North Carolina
Assad, Mohammad Ali	Iran
Atha, Sarah Lynn	Ohio
Atherton, Mary Louise	Kansas
Atkinson, Gerry James	Virginia
Baim, Sharon Gail	Pennsylvania
Baldwin, Dale Lee	Indiana
Ballingal, Amanda Lou	Kentucky
Banks, Marilyn Sue	Tennessee
Barnard, Richard Francis	Virginia
Batton, Linda Kay	Indiana
Black, Rebecca Carolyn	Virginia
Boatright, Michael	Tennessee
Bradford, Barbara Lee	Indiana
Bradshaw, Patton Dotson	North Carolina
Bray, Beverly Jean	Indiana
Brown, Robert Edward	New York
Bruner, James Robert	Indiana
Burks, Ann Marie	Ohio
Burnell, Kathy Lynn	Indiana
Burrell, Leigh Ivan	Tennessee
Campbell, June	Maryland
Campbell, Margaret Cumming	Georgia
Carpenter, Lawrence Allen	Ohio
Cason, William	South Carolina
Chambers, Lynda Carolyn	Tennessee
Chapman, Arthur Edward	Canada
Clark, Carolyn Sue	Kentucky
Clark, Thomas Evans	Indiana
Cockerham, Francis Dee Ann	North Carolina
Combs, Martha Gayle	Ohio
Conner, Don Ralph	Indiana
Cook, Donald Richard	Tennessee
Cord, James Raymond	Ohio
Cowley, Diann Rae	Ohio
Craig, Robin Lynne	Indiana
Cross, Patricia Lynn	Tennessee
Crouch, Adam Bowman	Tennessee
Daupert, Deanna	Indiana
Davidson, Robert Lee	Virginia
Davis, James Andrew	Indiana
Delay, Carmalyn Jeanne	Indiana
DeLong, Stefan Douglas	Missouri
DeZarn, Russell Ray	Indiana
Dickson, Mary Ruth	Tennessee
Ellis, John Edmund	California
Elsea, John Allen	Tennessee
Evans, James Louis	Ohio
Everhart, Dean Alfred	Ohio
Faircloth, Thomas Wallace	Florida
Fassam, Charles Michael	Canada
Favreau, Phil Lee	Illinois
Fields, Rebecca Lynn	Tennessee
Fink, Jimmy Lester	Tennessee
Fleenor, Norman Dryden	Tennessee
Fritz, Curtis Viment	Virginia

Student Directory

<i>Name</i>	<i>Home State</i>
Garrett, Juliana.....	Ohio
Gastineau, Daniel Allen.....	Indiana
Glaze, Richard Lee.....	Indiana
Goan, Edwin Carroll.....	Tennessee
Goble, Larry Keith.....	Kentucky
Golding, Roger Alexander.....	Virginia
Greene, Jerry Dayton.....	Tennessee
Haase, Gerald Thomas.....	Illinois
Haase, John Herbert.....	Indiana
Hall, Marshall Gordon.....	Florida
Hammond, Michael Wayne.....	Indiana
Hansbury, Irene Ivins.....	New Jersey
Harkey, Donna Louise.....	Georgia
Harris, Larry Damon.....	Virginia
Harris, Robert Wayne.....	Illinois
Harrison, Gayle Sue.....	Maryland
Haynes, Charles.....	Mississippi
Hensley, James Terry.....	Virginia
Hines, Marjorie Ellen.....	Indiana
Hilton, James William.....	Tennessee
Hodgkiss, John Richard.....	Ohio
Hoffman, David Alan.....	Ohio
Hopson, Harry B.....	Ohio
Houser, Spurgeon James, Jr.....	Virginia
Hudkins, Martin Dale.....	Indiana
Huff, Lawrence Eugene.....	Ohio
Hughes, Alan Wayne.....	Indiana
Hughes, John William.....	Indiana
Hyder, Amelia Norine.....	Tennessee
Ingle, Anthony.....	Virginia
Irvine, Jean Roberta.....	Indiana
James, Wandaleen.....	Virginia
Jeanes, Donald Richard.....	Georgia
Johnson, Darryl Edward.....	Virginia
Jones, Charles Bernard, Jr.....	North Carolina
Jones, Tilda Jane.....	Virginia
Kashami, Manauchehr.....	Iran
Keene, Lauren Kay.....	Tennessee
Keilman, Joyce Lynn.....	Indiana
Kennedy, Linda Kay.....	Tennessee
Kerrick, Charles.....	Connecticut
Kilgore, James H. Q.....	Tennessee
Kleinjan, Sandy Gay.....	California
Knowles, Lloyd Alan.....	Ohio
Kouns, Philip Eugene.....	Florida
LeFever, Hoyt Thomas, Jr.....	North Carolina
Lindenthal, David William.....	New Jersey
Lockman, Jennifer Kaye.....	New Jersey
Lynn, Barbara Kay.....	Tennessee
McCarty, Nancy Ann.....	Ohio
McClure, Ted.....	Tennessee
McDowell, Alice Joanne.....	Indiana
McFarland, Rebecca Ellen.....	Indiana
McKowen, Paul Edwin.....	Indiana
McNew, Trigg Chesterfield, II.....	Tennessee
McRee, George William.....	Tennessee
Merricks, Daniel Preston.....	Virginia
Meyer, Paul Benjamin, Jr.....	Pennsylvania
Mikesell, Donald Earl.....	Ohio

Student Directory

<i>Name</i>	<i>Home State</i>
Miller, Warren, Jr.	Tennessee
Mills, Dicey Margaret	Virginia
Mizer, Judith Ann	Indiana
Montgomery, Margaret Walker	Kentucky
Montgomery, Sandra Kay	Virginia
Moore, Jacqueline	Virginia
Moore, Judith Ann	Indiana
Moore, Perry Robert	Indiana
Morris, James Andrea	Indiana
Morris, James Shade	Georgia
Neat, Janet Dale	North Carolina
Neese, Jo Dean	Kentucky
Nighbert, Alta Kay	Georgia
O'Dell, Eetta Lynn	Indiana
O'Dell, Sammy Lynn	Tennessee
Ogle, Joe Dail	Tennessee
Ogg, Mary Carolyn	Tennessee
Opstad, John Robert	Tennessee
Orr, Nancy Ann	Maryland
Phillips, Kent	Virginia
Pippin, Richard Alton, Jr.	Indiana
Pittinger, Curtis Leroy, Jr.	Virginia
Plummer, Jerry D.	Virginia
Poe, Thomas Douglas	Kentucky
Pope, James Brown	West Virginia
Porter, Gary Douglas	Virginia
Prystay, Marie	Ohio
Rainwater, Gerry Margaret	Maryland
Ray, James Alan	Pennsylvania
Richardson, Carolyn Sue	Ohio
Richter, Donna Sue	Illinois
Roberson, Douglas Alan	Indiana
Roberts, Paul	North Carolina
Robinson, Stanley Brooks	Illinois
Rogers, Gordon Lynn	Pennsylvania
Roop, Carolyn Jean	Indiana
Sale, Thadius Wilson	Virginia
Sammons, Richard D.	Maryland
Satterly, Eddie Blaine	Tennessee
Scharfstein, Benjamin	Indiana
Schnier, Sharon Kay	Tennessee
Seegers, William Leon	Indiana
Shafer, Norman Rick	Indiana
Sharpe, Timothy Byron	Indiana
Shepherd, David Roscoe	Georgia
Shepherd, Eric Lynn	Tennessee
Shields, Elizabeth	Ohio
Simmonds, John	Tennessee
Shore, Johnny Edwin	Indiana
Simkins, James Lester	North Carolina
Sipes, Dan	Tennessee
Skidmore, Mary Margaret	Illinois
Skeen, James Ernest	Ohio
Smith, Betty Jane	Virginia
Smith, Donald Wayne	Tennessee
Smith, Frederick Marland, Jr.	Kansas
Smith, Melvin Dee	Indiana
Smith, Roger Keith	Indiana
Smith, Ronald Eugene	Ohio
	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Smith, Timothy Joe.....	Ohio
Smith, Woodrow Michael.....	Georgia
Stalcup, Lowell.....	Tennessee
Stapf, Anita Louise.....	Ohio
Stoner, Carol Lynn.....	Indiana
Stultz, Glenda.....	Indiana
Tenney, Alice Marie.....	Ohio
Tietjen, Kathleen Kay.....	Indiana
Tilley, Thomas Clifton.....	Virginia
Tor, Sadun.....	Maryland
Underhill, Dale Edward.....	Indiana
VanCuren, David Jay.....	Ohio
VanWinkle, Sandra Kay.....	Ohio
Waldron, Paul.....	Pennsylvania
Walker, Sheryl.....	Ohio
Wallace, Barry Milton.....	Canada
Wallace, William Clay.....	Kentucky
Walters, Linda Kay.....	Indiana
Walton, Michael Lynn.....	Indiana
Watson, Mike Stewart.....	Virginia
Whitaker, Joe Gordon.....	Kentucky
Wigal, Thomas Richard.....	Ohio
Williams, John Dwight.....	Indiana
Wilson, Carol Diane.....	Pennsylvania
Wilson, Ellen Jane.....	Ohio
Wilson, Glenmore Garrett, Jr.....	Tennessee
Wilson, Gordon Lewis.....	Indiana
Wright, Gladys Jeannette.....	Tennessee
Young, Stephen Arthur.....	New York

CALENDAR

Summer 1965

June 7—July 9.....	Summer School (First Term)
July 12—August 13.....	Summer School (Second Term)
August 16-20.....	School of the Ministry

Special Events 1965-66

September 17.....	Matriculation Ceremony
September 19.....	Fall Convocation
October 18-22.....	Fall Lecture Series
October 22—6:00 p.m.....	Fall Meeting of the Board
November 26.....	Founder's Day
February 8, 9.....	Welshimer Lectures
April 1.....	Spring Meeting of the Board
April 13.....	Guest Day
April 18-19.....	Spring Lecture Series
May 7.....	May Day
May 27.....	Sayonara

Fall Semester, 1965

September 7, 8, 9.....	Faculty Conference
September 11.....	Dorms Open to Freshmen
September 11-15.....	Freshmen Orientation
September 14.....	Dorms Open to Upperclassmen
September 15.....	Freshmen and Transfer Student Reception
September 16.....	Classes Begin
October 27, Noon—November 2, 8:00 a.m.....	Fall Recess
December 17—January 4.....	Christmas Holidays
January 20-27.....	Final Examinations

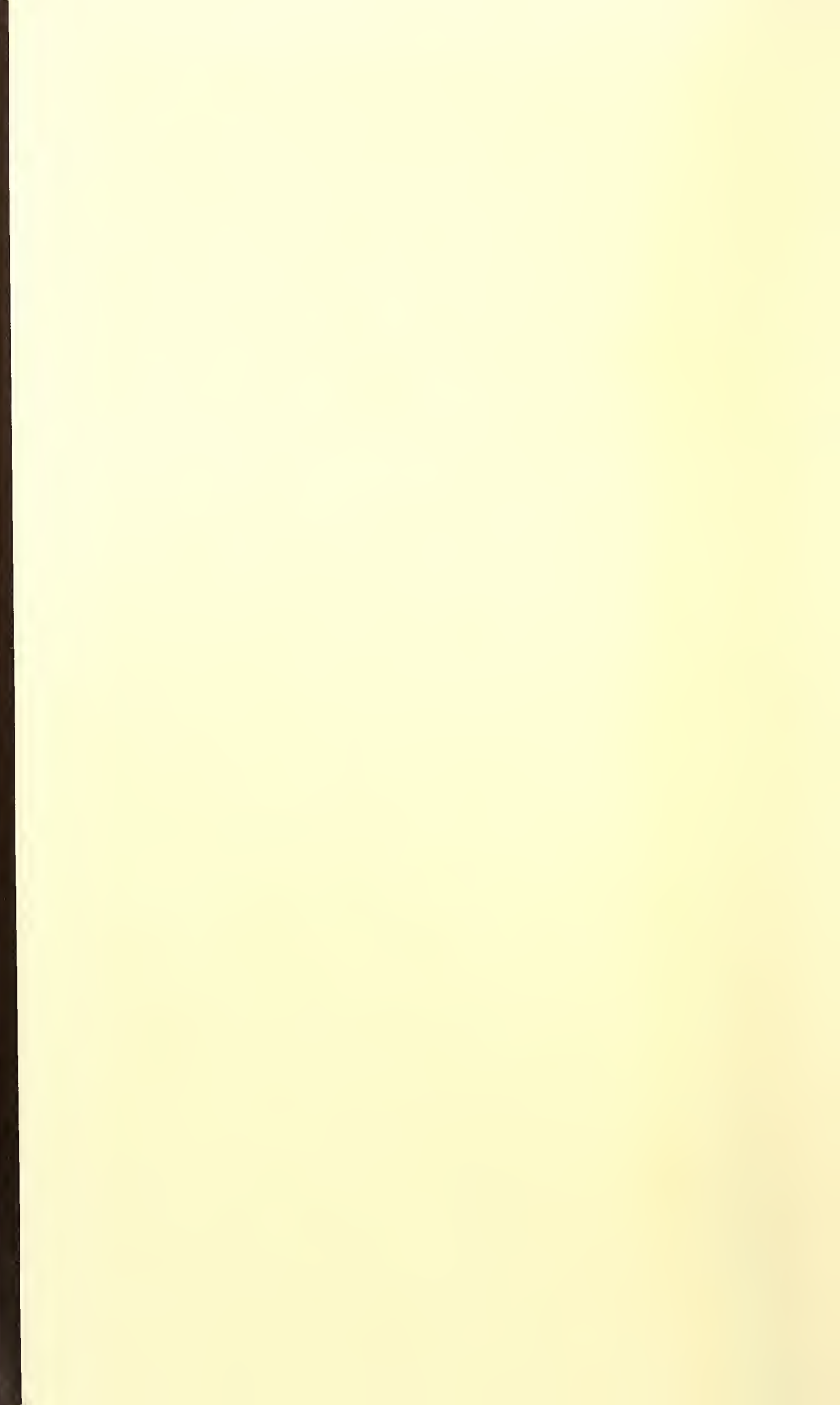
Spring Semester, 1966

January 28.....	Classes Begin
March 24, Noon—April 1, 8:00 a.m.....	Spring Holidays
April 13.....	Annie Lucas Kennedy Reading Contest
May 18-29.....	Final Examinations
May 29.....	Baccalaureate
May 30.....	Commencement

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John W. Keith

MILLIGAN COLLEGE

MILLIGAN COLLEGE, TENNESSEE

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1966-1967



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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 Secondary Schools.

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 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.

Milligan College has participated in the many programs of financial assistance to veterans. The current program includes assistance to War Orphans (Public Law 634 of the 84th Congress) and assistance to veterans who have served an active duty for a period of 181 days or more after January 31, 1955 (the Veterans' Readjustment Benefits Act of 1966).

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

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THE NATURE OF THE COLLEGE

HERITAGE

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self government prior to the Declaration of Independence. In the vicinity of Milligan College American troops assembled for the march to King's Mountain. The campus is located at the head of the Happy Valley Plantation. Toward the west are the homes of John Sevier and John Tipton. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus.

The present campus of Milligan College occupies the site on which freedom-loving people established a school in the third decade of the nineteenth century. This school was conducted in the old Buffalo log church.

In December, 1866, under the leadership of Wilson G. Barker, the Buffalo Male and Female Institute was chartered by the state of Tennessee.

Josephus Hopwood became head of this academy in 1875. The academy possessed at that time an acre of ground and a two-story brick building with a room on each floor.

In 1881, President Hopwood laid the cornerstone for a new brick 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 in honor of Professor Robert Milligan of Kentucky University (Transylvania); President Hopwood regarded Professor Milligan as the embodiment of Christian scholarship and 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

Heritage

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."

Following the resignation of President Hopwood in 1903, Henry Garrett, Dr. Frederick D. Kershner, Tyler E. Utterback, Everett W. McDiarmid, and Dr. James T. McKissick carried the College through the difficult period up to the First World War. The campus expanded. The principle was firmly established that only a faculty frankly committed to the principles of Christian education were qualified to undertake the aims for which the College had been established.

In 1913 George W. Hardin, a member of the Board of Trustees, built the dormitory bearing his name. The following year, Josephus Hopwood was recalled for another term of two years as president. In 1915 the College suffered the loss by fire of the men's dormitory, Mee Hall.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan College. The following spring the administration building burned. President Derthick succeeded in replacing the old building with the present structure. He enlisted the interest of Mr. and Mrs. Calvin Pardee, who built the women's dormitory which bears their name. He secured the interest of Joel Cheek, proprietor of the Maxwell House at Nashville, to build the Cheek Activity building. The campus was enlarged to some eighty acres. President and Mrs. Derthick served uniquely in preserving through all this activity the academic and spiritual insight of the founders. The integrity of a graduate of Milligan College came to be taken for granted. During the twenty-three years of service of President and Mrs. Derthick, the College made notable

contribution to the culture of the Southern Highlands. This contribution was made possible by the support of many patrons living at a considerable distance from 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 President 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 transition from military to civilian competencies. With patience and insight Milligan College reaffirmed the educational purposes of her tradition.

Dr. Dean E. Walker became president in January, 1950. 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. A Student Union Building, erected largely through volunteer labor and fund solicitation by the students, was added to the campus in the fall of 1953. A financial program was undertaken to stabilize the College. The endowment was increased by more than thirty-five percent. A bequest by W. T. Anglin, an alumnus of Holdenville, Oklahoma, and contributions from the alumni and trustees accounted for this growth. By mid-1960 substantial results had been achieved. The endowment was increased to above three times its value ten years previously. Through the foresight and generosity of Mrs. Nanye Bishop Sutton of Radford, Virginia, a new women's dormitory, Sutton Memorial Hall, was dedicated in the fall of 1956. The Crouch Memorial Building, a renovated building at the entrance of the campus, was dedicated in memory of W. P. Crouch, father of Dr. Owen Crouch. Webb Memorial

Heritage

Hall, the men's dormitory named for Webb Sutton, was completed in January, 1960. During the summer and fall of 1960 Pardee Hall was completely renovated as a dormitory for women. Friends of the College, mostly in Johnson City and the local area, funded the long standing debt of the College in the fall of 1960. The P. H. Welshimer Memorial Library was dedicated November 24, 1961. It 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.

A new air-conditioned dormitory for 188 women was completed in September, 1965.

The W. R. Walker Memorial Chapel is under construction and will be ready for occupancy in September, 1966.

During the past decade, measures have been taken toward revision of the curriculum and toward improvement of teaching and learning, with a view to move more effectively toward quality education. 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 Secondary Schools.

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-denomination 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 the 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 fellow men.

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 distinguished 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

Character

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 conception 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?" That is, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses to itself 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 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 four

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 fellow-men, 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

Specific Objectives

for sound scholarship such as will inspire him to seek it with diligence and perserverance.

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, inter-collegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

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 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 Council for Academic Life, whose responsibility it is to determine curricula and 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

Bible

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.

A major in Bible shall consist of thirty-four semester hours including the following: Bible 123-124, 201-202 or 303-304, 301-302; Christian Vocations 261-262 or 375-376; and History 341-342 and 431-432.

A minor shall consist of eighteen hours to be arranged.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN BIBLE AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Bible 123	3	Bible 124	3
History 113 or 115	3	History 114 or 116	3
Biology 111 or Chemistry 101	4	Biology 112 or Chemistry 102	4
Mathematics 101 or 111	3	Mathematics 102 or 112	3
Health and Physical Education 101	1	Health and Physical Education 102	1
	<hr/>		<hr/>
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 304	3	English 202 or 305	3
Bible 201 or 303	3	Bible 202 or 304	3
Psychology 156	3	Psychology 152	3
History 203	3	History 204	3
Greek 111	3	Greek 112	3
Health and Physical Education 201	1	Health and Physical Education 202	1
	<hr/>		<hr/>
	16		16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Economics 201	3	Economics 202	3
History 341	3	History 342	3
Greek 211	3	Greek 212	3
Speech 201	3	Speech 202	3
Sociology 301	3	Christian Vocation 352 or 376	3
Christian Vocation 351 or 375	3	Elective	3
	18		18

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Bible 201, 203, 411, or 313	3	Bible 202, 204, 412, or 314	3
Bible 301	3	Bible 302	3
History 431	3	History 432	3
Philosophy 101 or 301	3	Philosophy 102 or 302	3
Electives	6	Electives	6
	18		18

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.

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.

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

Bible

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. Alternate years. Three semester hours.

202—THE BOOK OF ACTS—A study of Acts with emphasis upon the establishment and extension of the Church. Alternate years. 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.

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

471—BIBLICAL SYNTHESIS—A study of the major concepts found in the Old Testament from a historical and linguistic perspective. Required of all seniors. Two semester hours.

472—BIBLICAL SYNTHESIS—A study of the major concepts found in the New Testament from a historical and linguistic perspective. Required of all seniors. Two semester hours.

CHRISTIAN MINISTRIES:

270—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.

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. Three semester hours.

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 education workers in local churches. With certification, the program is ideal for Christian day school teachers, missionary educators, etc.

This program is correlated closely with the program in teacher-education in Milligan College.

**SUGGESTED COURSE OF STUDY FOR THE PROGRAM
IN RELIGIOUS EDUCATION LEADING
TO A A.B. DEGREE**

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Math 105 or 111	3	Math 106 or 112	3
English 111	3	English 112	3
Bible 123	3	Bible 124	3
History 113 or 115	3	History 114 or 116	3
Biology 111 or Chemistry 101	4	Biology 112 or Chemistry 102	4
Health and Physical Ed.	1	Health and Physical Ed.	1
	<hr/> 17		<hr/> 17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 304	3	English 202 or 304	3
Bible 201 or 303 (Life of Christ or Acts)	3	Bible 202 or 304 (Life of Christ or Acts)	3
Psychology 150	3	Psychology 152	3
Foreign Language	3	Foreign Language	3
Speech 201 or Bible 301	3	Speech 202 or Bible 302	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	<hr/> 16		<hr/> 16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Economics 201	3	Psychology 252	3
Sociology 301	3	Sociology 303	3
Bible 313 or 411	3	Bible 314 or 412	3
Philosophy 101 or History 341	3	History 342 or Music 362	3
Foreign Language	3	Foreign Language	3
Music 361 or Electives	3	Electives	3
	—		—
	18		18

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 354	3	Christian Education 261	3
Education 337	3	Christian Ed. of Children 304	3
*Education 411 or Education 471	6	Christian Ed. of Youth 305	3
*Education 421	4	Christian Ed. of Adults 306	2
	—	History 432	3
	16	Psychology 452	3
	—		—
			17

*For those who have no interest at all in teacher-certification, electives in secretarial science, music, history, etc. may be substituted for these hours.

261—INTRODUCTION TO CHRISTIAN EDUCATION—

A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership and kindred matters will be treated by the staff. Two semester hours.

304—CHRISTIAN EDUCATION OF CHILDREN — A

study of the development, capacities and training of the child from birth to adolescence. Emphasis is placed on the additional opportunities for teaching children such as Daily Vacation Bible School, Graded Worship, and Expressional Groups. Three semester hours.

305—CHRISTIAN EDUCATION OF YOUTH—The study

of the psychological and physiological development of the youth with emphasis given to his Christian education. Special studies of youth materials and programs, including the summer camp programs, will be made. 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; for after all, 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 can be taken in the fields of English, philosophy, psychology and music. A minor can be taken in French, Greek, Spanish, German and 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. Two semester hours.

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Studio problems based upon individual student's experience and skill. Two semester hours.

211A—CRAFTS — Projects suitable for use in classroom, vacation school, playground, summer camp, and scout and church recreation programs for elementary school age children. Two semester hours.

211B—CRAFTS—Craft study emphasizing design and expression through creative problems. Two semester hours.

English

212—LETTERING—Forming and shaping letters and use of pens, brushes, and drawing instruments. Problems in lettering arrangement include signs and posters. Two semester hours.

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint the elementary education student with objectives, materials, and methods for elementary school art program. Laboratory experiences, reading, and discussion. Three semester hours.

320—ART APPRECIATION — An introduction to sculpture, architecture, painting, and the minor arts. Three semester hours.

420—ART HISTORY: PREHISTORIC THROUGH RENAISSANCE—A survey of sculpture, architecture, painting, and the minor arts. Three semester hours.

421—ART HISTORY: 17th CENTURY THROUGH CONTEMPORARY — Continuation of 420. Prerequisite: Art 420. Three semester hours.

English

The aims of the field of English are to teach the student to hear and write clearly and effectively, to read with appreciation and enjoyment, to acquire a knowledge of the major literary work in English, and to construct intelligent standards for the critical evaluation of literature and the recognition of main trends.

The major in English consists of thirty semester hours which must include English 111-112, 201-202, 304-305, 311, and 461 or 462. 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.

The minor consists of English 111-112, 201-202, 304-305, and six hours of electives on the junior or senior level.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN
ENGLISH AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Foreign Language	3	Foreign Language	3
History 113	3	History 114	3
Science	4	Science	4
Bible 123	3	Bible 124	3
Health and Physical Education 101	1	Health and Physical Education 102	1
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201	3	English 202	3
Foreign Language	3	Foreign Language	3
History 203	3	History 204	3
Mathematics	3	Mathematics	3
Psychology	3	Psychology	3
Health and Physical Education 201	1	Health and Physical Education 202	1
	16		16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 304	3	English 305	3
Junior level course in English	3	Junior level course in English	3
A course in the Minor	3	A course in the Minor	3
A course in Philosophy	3	A course in Philosophy	3
Elective	3	Elective	3
	15		15

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Senior level course in English	3	English 462	3
English 311	3	A course in Music	2
A course in Music	2	A course in Sociology	3
A course in Art	2	Electives	9
Electives	7		17
	17		

English

111-112—ENGLISH—A six hour course covering two semesters. Instruction and practice in the correct use of the English language as the basic tool of communication; grammar, vocabulary building, techniques of research, analytical reading for comprehension and appreciation, and the forms and skills of composition. Required of all freshmen.

201-202—SURVEY OF ENGLISH LITERATURE — A study of the life and literature of the English people with special attention to the writings of the major authors. Collateral reading in the English novel. Three semester hours.

301—THE ROMANTIC MOVEMENT IN POETRY — A study of the ideals and works of Gray, Thomson, Cowper, Blake, Burns, Wordsworth, Coleridge, Shelley, Byron, and Keats. Alternate years. Three semester hours.

302—VICTORIAN LITERATURE—A study of the social, scientific, literary, and religious ideals of the Victorian period as represented in Newman, Macaulay, Carlyle, Ruskin, Arnold, Huxley, and the poetry of Tennyson and Browning. Alternate years. Three semester hours.

304-305—SURVEY OF AMERICAN LITERATURE — A study of the life and literature of the American people with special attention to the writings of the major authors. Collateral reading in the American novel. Three semester hours.

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.

345—WORLD LITERATURE—Ancient classics to Renaissance. Reading and analysis of selected translations of literature from Homer to Dante. Three semester hours.

346—EUROPEAN LITERATURE — Renaissance to the present. Reading and analysis of selected translations of European literature from Cervantes 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. Not applicable toward a major or minor. Three semester hours.

355—LITERATURE AND PSYCHOLOGY—(See psychology 355).

361-362—THE NOVEL—A study of the history and development of the novel as a literary type with special emphasis on the British novel the first semester and the American novel the second semester. Alternate years. Three semester hours.

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

402—THE SHORT STORY—A study of the development of the short story, with some attention to creative writing. Three semester hours.

431—MILTON — A study of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, and the lyrics. Collateral reading in Milton's prose works and other seventeenth century authors. Alternate years. Three semester hours.

433—THE EIGHTEENTH CENTURY — A study of the rise and decline of Neo-Classicism with an emphasis on the writings of Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

461—SHAKESPEARE—A study of Shakespeare's tragedies. Collateral reading of Shakespeare's contemporaries: Kyd, Marlowe, Johnson, Dekker, Heywood, and Webster. Three semester hours.

462—SHAKESPEARE—A study of a selected group of

Speech

Shakespeare's histories and comedies. Attention also given to his sonnets. Three semester hours.

Speech

201-202—ELEMENTARY 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.

309-310—PLAY PRODUCTION—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. Prerequisite to participation in a play and leading to the award of a letter. 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.

A minor in language consists of eighteen semester hours in one language.

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.

Foreign Language

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.

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.

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.

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.

GERMAN

111-112—ELEMENTARY GERMAN — The essentials of grammar, pronunciation, oral and written exercises, and reading of simple German. Three class periods and not less than two laboratory periods. Three semester hours.

211-212—INTERMEDIATE GERMAN — 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.

301-302—ADVANCED GERMAN — Selected studies from German literature, with some conversation and composition. Prerequisite: German 211-212. Three semester hours.

GREEK

111-112—ELEMENTARY GREEK — A study of the ele-

Foreign Languages

ments 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.

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.

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.

LATIN

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

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

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

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.

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.

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

Music

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

Milligan College offers majors in Music Education and Church Music for the Bachelor of Arts degree. A minor may also be elected in music. When a student majors in music he is not required to select a minor. Because of the extensive requirements in majoring in music it is highly recommended that a student plan on this major from the beginning of his Freshman year, and consult with the chairman of the music area concerning his curriculum.

If a student plans on majoring in Music Education and wants to complete certification requirements in professional education as well as his music requirements, he should plan on a five-year program or a four-year program which will include two summers.

All students pursuing a curriculum in music will participate in the Ensemble program each semester with or without credit. For a complete description of this program consult the portion of the catalog dealing with Ensembles. It is also expected of all Music majors and minors that they attend all cultural events presented on the campus.

Each student will select a performance emphasis (applied major) and a secondary performance emphasis (applied minor) in the areas of piano, voice, or organ and will perform in a recital during their senior year. For a complete explanation of Applied music see that section of the catalog.

Curriculum Requirements

Entering students both Freshman and Transfer will be given examinations to determine their placement in Music Theory, Applied music, and Ensemble. If a student is weak in theory he should plan on entering college in the summer before his Freshman year to take the Fundamentals of Music course so he will be prepared for Freshman Theory and will not be delayed in his studies.

CURRICULUM REQUIREMENTS

Music Education Majors are required to complete the following for graduation:

Core

Content Fields	Semester Hours
Bible	6
English	12
*Foreign Language	12
Physical Education	4
General Psychology	3
Biology, Chemistry or Physics	8
Mathematics	6
American History	6
Sociology, Economics or Government	6
Total	63

*Students presenting two units of foreign language from the secondary school may satisfy the language requirement with six semester hours at the 200 level in this same language.

Music

Content Fields	Semester Hours
Theory	8
Harmony	8
Orchestration	3
Music Literature and History	12
Applied Major	8
Applied Minor	4
Conducting	6
Ensemble	8
Music Elective	3
Total	60

Professional Education

(For certification to teach in public schools).

Curriculum Requirements

	Semester Hours
Methods and Materials for Elementary School Music Teachers	3
Methods and Materials for Secondary School Music Teachers	3
Developmental Psychology	4
Educational Psychology	3
History and Philosophy of Education	3
Practice Teaching	8
Total	24

Church Music Majors:

Students majoring in church music should complete all Core Curriculum and Music Curriculum requirements with the substitution of Counterpart for Orchestration. Then they should take the following in addition:

	Semester Hours
Church Music	3
Hymnology	3
Church Choir Methods and Materials	3
Graded Choir Methods and Materials	3
Total	12

Minor in Music

Designed for students who wish to have some knowledge in the field of music. This program in no way prepares a person professionally for the profession on music.

	Semester Hours
Music Theory	8
Music Literature and History	6
Conducting	3
Applied Major	4
Applied Minor	2
Ensembles	8
Total	31

Because of the many course requirements in a music curriculum due to the fact that not only knowledge must be taught but that skills must be learned, it is recommended that each student entering this major should consult with the chairman of the music area and make out a course of study outline to be followed during his training.

Theory of Music

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 (Theory of Music) on the basis of an examination during orientation week. Three lectures per week. Three semester hours credit. No credit given toward a major or minor in music.

143-144—THEORY OF MUSIC — The elements of music notation. The structure of scales, intervals, triads, and chords. Development of the ability to sing at sight and write from dictation of melodies in all keys and meters. Beginning analysis of the Bach chorale style, and construction of cadential phrases in that style. Similar experience at the keyboard and in singing. Prerequisite: Passing grade on music theory entrance examination or completion of Fundamentals of Music (Music 108-109). Three lectures and two laboratory hours each week. Four semester hours credit.

243-244—HARMONY — Continuation of Music 143-144. Development of facility in the analysis and usage of diatonic and chromatic harmonies. Continued work in the analysis of the Bach style, with second semester work in the analysis of Mozart and Beethoven sonatas and the creation of a movement in sonata-allegro form. Prerequisite: Passing grade in Music 143-144. Three lectures and two laboratory hours each week. Four semester hours credit.

343—COUNTERPOINT—Basic principles of writing two, three, and four voice counterpoint, and their application in the smaller forms of composition. Prerequisite: Completion with passing grades both Music Theory (Music 143-144) and Harmony (Music 243-244). Three lectures per week. Three semester hours credit.

344—ORCHESTRATION—A study of instrumentation and of the principles governing the combination of musical sounds in ensemble. Prerequisite: Music 244. Three lectures per week. Three semester hours credit.

Music Literature and History

441—FORM AND ANALYSIS—Review of the elements of music, with a study of the way they function in musical form and in different musical styles. Prerequisite: Music 244 or permission of instructor. Three lectures per week. Three semester hours credit.

490-491—SPECIAL STUDIES IN MUSIC THEORY — Advance studies in special areas of musical theory. The field of study chosen by the student and approved by the chairman of the music area and major professor. Prerequisite: Approval of major professor and music chairman. Credit: one—three semester hours each semester.

MUSIC LITERATURE AND HISTORY

281-282—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 lectures each week. Three semester hours credit.

381—INTRODUCTION TO MUSIC LITERATURE — Basic forms, types, and styles of music from Bach to the present. No prerequisite for music majors; prerequisite for nonmusic majors: Music 281-282 or consent of instructor. Three lectures each week. Three semester hours credit.

382—HISTORICAL SURVEY OF MUSIC LITERATURE —Major composers and their contributions to the literature of music from the sixteenth century to the present. Prerequisite: Music 381. Three lectures each week. Three semester hours credit.

481—HISTORY OF MUSIC IN WESTERN CIVILIZATION—The development of music and its relation to the general patterns of cultural evolution from the Middle Ages to approximately 1750. Prerequisite: Music 382. Three lectures each week. Three semester hours.

482—HISTORY OF MUSIC IN WESTERN CIVILIZATION—Continuation of Music 481. Covers the time in

Church Music

Music History from approximately 1750 to the present. Prerequisite: Music 481. Three lectures each week. Three semester hours.

492-493—ADVANCE STUDIES IN MUSIC LITERATURE—Specialized studies in various areas of Music Literature, and History. Prerequisite: Music 482, senior standing and consent of instructor and chairman of music area.

- Section 1—Keyboard literature
- Section 2—Opera literature
- Section 3—Song literature
- Section 4—Twentieth-century literature
- Section 5—Biographical study of composers
- Section 6—Choral literature
- Section 7—Symphonic literature
- Section 8—Church Music literature
- Section 9—Chamber music literature
- Section 10—Study of periods and styles

CHURCH MUSIC

371—CHURCH MUSIC—A study of church music, its philosophy, functions and evolution. Three lectures per week. Three semester hours.

372—HYMNOLOGY—A survey of the hymn literature of the Protestant Christian Church, with consideration of literary, sociological, and religious forces affecting the creation of hymn poetry and hymn tunes. Three lectures per week. Three semester hours.

373—CHURCH CHOIR METHODS AND MATERIALS—A study of the various methods used in the development and training of today's church choir. Also a study of the various material available to the church choir. Three lectures per week. Three semester hours credit.

375—GRADED CHOIR METHODS AND MATERIALS—A survey of today's Graded Choir program, its beginning and development as well as the methods and materials used

in directing and training a graded choir program. Three lectures each week. Three semester hours credit.

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. Three lectures each week. Three semester hours credit.

451—METHODS AND MATERIALS FOR ELEMENTARY SCHOOL MUSIC TEACHERS—Open only to music majors and minors with approval of instructor. Advance studies in the area of musical materials and methods for teaching music in the elementary school. Three lectures per week. Three semester hours credit. (Substitutes for Education 411 for music majors.)

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

453-454—SPECIAL STUDIES IN MUSIC EDUCATION— Advance research in fields of music education either elementary or secondary. Prerequisites: completion of methods and materials courses and approval of instructor. One—three semester hours credit.

CONDUCTING

363—BEGINNING CONDUCTING— The principles of basic patterns and their applications in training groups to sing and play. Three lectures per week. Three semester hours.

364—ADVANCED CONDUCTING—The principles of conducting and their application in conducting choirs, orches-

Applied Music

tras, and bands. Emphasis on score reading and interpretation. Three lectures each week. Three semester hours.

APPLIED MUSIC

Each student majoring in music must select one area of applied music for his major concentration (voice, piano or organ). He must complete eight (8) semester hours in this major area. The student must pass a sophomore barrier before admission to upper division work (Junior-Senior level work) and present a senior recital before graduation. The sophomore barrier, in the form of a jury, may require a student to do extra work because he has not reached the required level of proficiency before upper division work can be taken.

A student also must select from the remaining areas a minor concentration in which he must complete 4 semester hours, and pass a sophomore barrier. If a student does not select voice as a major or minor concentration he will be required to take voice class, but will not be required to pass a voice barrier.

Minors in music must also choose a major and minor concentration. However, they must complete only 4 hours in their major concentration and pass a sophomore barrier and complete only 2 hours in their minor concentration.

Advance standing can be attained through examination during or before the first semester in college. If advance standing is granted in either major or minor fields the total number of required hours in applied music is not reduced but can be taken in other applied areas. These changes must be approved by the chairman of the music area.

Part or full time lessons can be chosen. Part time meaning one lesson per week with five hours minimum practice each week. Full time meaning two lessons per week with a minimum of ten hours practice each week.

Piano

Freshman Level:

110-111—Part time piano. One lesson each week with one hour credit.

120-121—Full time piano. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite — Completion of Freshman level work.

210-211—Part time piano. One lesson each week with one hour credit.

220-221—Full time piano. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level work and pass upper division level barrier.

310-311—Part time piano. One lesson each week with one hour credit.

320-321—Full time piano. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

410-411—Part time piano. One lesson each week with one hour credit.

420-421—Full time piano. Two lessons each week with two hours credit.

Organ

Freshman Level: Prerequisite—prior piano study.

112-113—Part time organ. One lesson each week with one hour credit.

122-123—Full time organ. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite—Completion of Freshman level work.

212-213—Part time organ. One lesson each week with one hour credit.

222-223—Full time organ. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level work and pass upper division level barrier.

Applied Music

312-313—Part time organ. One lesson each week with one hour credit.

322-323—Full time organ. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

412-413—Part time organ. One lesson each week with one hour credit.

422-423—Full time organ. Two lessons each week with two hours credit.

Voice

104-105—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. One semester hour credit.

Freshman Level: Prerequisite — prior training or voice class.

114-115—Part time voice. One lesson each week with one hour credit.

124-125—Full time voice. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite—Freshman level work completed.

214-215—Part time voice. One lesson each week with one hour credit.

224-225—Full time voice. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level and pass upper division level barrier.

314-315—Part time voice. One lesson each week with one hour credit.

324-325—Full time voice. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

Ensembles

414-415—Part time voice. One lesson each week with one hour credit.

424-425—Full time voice. Two lessons each week with two hours credit.

Recitals

416—SENIOR PIANO RECITAL — Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.

417—SENIOR ORGAN RECITAL—Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.

418—SENIOR VOICE RECITAL — Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.

The following special charges apply to students taking work in Applied Music. 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

ENSEMBLES

The ensembles of the Music Area are considered music laboratory for all music majors and minors. Participation in these laboratory sessions are required each semester in college. Placement and number of ensembles allowed will be determined by the students ability as judged by the director.

Philosophy

- 131-132—Freshman Level
231-232—Sophomore Level
331-332—Junior Level
431-432—Senior Level

CHAPEL CHOIR (Section 1)—A large choir open to all students without tryout. This choir sings during the regular chapel hour on campus as well as participating in other musical activities. Repertore taken basically from the better church music of our churches. Two rehearsals each week.

MILLIGAN CHORALE (Section 2)—A select group of 64 students singing music from the great masters. This group sings both on and off campus and tours each year. Membership by tryout only. Open to all students. Three rehearsals each week.

MILLIGAN CONCERT CHOIR (Section 3) — A select group of 40 students based on competitive tryouts. This choir which annually tours is selected basically from the membership of the Chorale. Membership by tryout only. Five rehearsals each week.

MILLIGAN MODERN MADRIGALS (Section 4) — A group of 40 students based on competitive tryouts. This singing modern music from the repertore of professional singing groups. Membership selected by competitive tryouts from the student body. Three rehearsals each week.

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 greatly influenced the thought and action of the modern world. Another objective of this field is to cultivate an understanding and appreciation of the history and function of philosophy.

Philosophy

Students majoring in philosophy will complete the twenty-four semester hours comprising:

	Semester Hours
Either Philosophy 101 or 102	3
Philosophy 151	3
Philosophy 301-302	6
Philosophy 401	3
Additional Credit in Philosophy approved by the area committee	9

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

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. Relevant portions of the Bible are considered. Three semester hours.

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.

251—PHILOSOPHY OF SCIENCE—A consideration of induction and the scientific method. An examination of the foundations and implications of the formal and physical sciences. Prerequisite: Philosophy 151 or permission. 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 west-

Psychology

ern 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.

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

401—SEMINAR STUDIES IN PHILOSOPHY—A seminar for honor students designed to develop the ability to do independent research and writing. An examination of the philosophical background of the various areas of learning by a study of the classical literature in these areas. One to three semester hours.

Psychology

Psychology is a study integrally related to the humanities. There are at least three major facets of interest to the modern student. First, it is an established, scholarly discipline represented in the study and work of colleges and universities. Second, it is a young science of important standing—the science of human behavior. Third, it is a growing profession of approximately 25,000 men and women belonging to the American Psychological Association with over 60% having an earned doctorate.

The major in Psychology consists of a minimum of 24 semester hours. In addition to the Liberal Arts group requirements it is suggested that additional hours be selected from biology, humanities, mathematics, philosophy, physics, and sociology.

Required courses for the major in psychology are Psychology 150 and 152.

The minor in psychology consists of a minimum of 18 semester hours. The only required course is Psychology 150.

Psychology

Psychology 150 is a prerequisite for all courses in psychology.

A student contemplating graduate work in psychology should take 30 semester hours of psychology, since some graduate schools require a minimum of 30 semester hours of psychology for admission.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN PSYCHOLOGY AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 150	3	Psychology 152	3
English 111	3	English 112	3
Science 111	4	Science 112	4
Bible 123	3	Bible 124	3
Mathematics 111	3	Mathematics 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	—		—
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 251	3	Psychology 252 or 254	3
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
History 203	3	History 204	3
Philosophy 151	3	Philosophy 201	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	—		—
	16		16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology Elective (300)	3	Psychology Elective (300)	3
Foreign Language	3	Foreign Language	3
Sociology 301	3	Sociology 303	3
Mathematics or Physics	3	Mathematics or Physics	3
Electives	3	Electives	3
	—		—
	15		15

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology 450 or 452	3	Psychology 454	3
Psychology 456	3	Psychology 490	3
Art or Music	3	Art or Music	3
Education or Guidance	3	Education or Guidance	3
Electives	5	Electives	3
	—		—
	17		15

Psychology

150—INTRODUCTION TO PSYCHOLOGY—An introductory course prerequisite to all courses in psychology. Applications to personal and social behavior. Strong emphasis on management of learning. Three semester hours.

152—GENERAL PSYCHOLOGY—A survey of the field of psychology. Consideration of the scientific approach to the study of behavior. Three semester hours.

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

251—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.

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.

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.

354—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.

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.

356—PSYCHOLOGY OF PERSONALITY ADJUSTMENT
—A study of problems of personal adjustments with special references to behavior mechanisms. Related problems of theory and measurement of personality. 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.

450—THE PSYCHOLOGY OF ABNORMAL BEHAVIOR
—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. 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. 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 relevant problems in all areas of psychology and problems in involving communication with other disciplines. 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 Administration 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 as follows:

Business Administration and Economics

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Government 304	3
Economics 451	3
Business Administration or Economics Electives (junior and senior level)	12

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.

A student minoring in business administration and economics must complete eighteen semester hours as follows:

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Electives (junior and senior level)	6

SUGGESTED COURSE OF STUDY FOR A MAJOR IN BUSINESS AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
English 111	English 112
3	3
Biology 111 or Chemistry 101	Biology 112 or Chemistry 102
4	4
Bible 123	Bible 124
3	3
Health and Physical	Health and Physical
Education 101	Education 102
1	1
History 113	History 114
3	3
Mathematics 101	Mathematics 102
3	3
17	17

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304	English 202 or 305
3	3
Economics 201	Economics 202
3	3
Business Administration 211	Business Administration 212
3	3
Health and Physical	Health and Physical
Education 201	Education 202
1	1
History 203	History 204
3	3
Psychology 150	Psychology 352
3	3
16	16

Business Administration

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Business Administration 301	3	Business Administration 302	3
English Elective	3	English Elective	3
Psychology Elective	3	Psychology Elective	3
Business Administration or Economics Electives	6	Business Administration or Economics Electives	6
Secretarial Science 351	2	Secretarial Science 352	2
	—		—
	17		17

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Government 304	3	Economics 451	3
Psychology Elective	3	Psychology Elective	3
Business Administration or Economics Elective	3	Business Administration or Economics Elective	3
Government 303	3	Electives	9
Electives	3		—
Sociology 301	3		18

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.

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.

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. Three mechanics of layout, media, and copy writing are considered. Three semester hours.

308—OFFICE MANAGEMENT— A study of the planning and directing of the operation of business and professional offices. Emphasis is given to executive responsibilities and to the duties of office managers, secretaries, and supervisors. Consideration is also given to the selecting and training of office workers and to the selection and care of office equipment and supplies. 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. 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.

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.

Economics

For courses in economics see Area of Social 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

Secretarial Science

Teachers of secretarial science and secretaries have need

Secretarial Science

of a wide knowledge of general and cultural information, as well as of technical skills. For this reason, the secretarial science program in Milligan College includes both liberal arts courses and technical courses.

The secretarial science courses in Milligan College have a threefold purpose:

1. A major course in secretarial science enabling the student to teach secretarial science at the secondary level;
2. An intensive two-year secretarial program including the other subjects required by the College at the freshman and sophomore levels;
3. An elective field in which all students of the College may choose courses which will be helpful to them personally.

A major in secretarial science consists of thirty-one hours, including the following courses:

Secretarial Science	131	Secretarial Science	132
Secretarial Science	133	Secretarial Science	134
Secretarial Science	241	Secretarial Science	242
Secretarial Science	243	Secretarial Science	244
Secretarial Science	351	Secretarial Science	352
Secretarial Science	471	Secretarial Science	472

SUGGESTED COURSE OF STUDY FOR A MAJOR IN SECRETARIAL SCIENCE LEADING TO THE B.S. OR A.B. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Science		Science	
Biology 111		Biology 112	
Chemistry 101		Chemistry 102	
Physics 201	4	Physics 202	4
Health and Physical		Health and Physical	
Education 101	1	Education 102	1
Secretarial Science 131	1½	Secretarial Science 132	1½
Psychology 150	3	Psychology 152 or 254	3
	<hr/>		<hr/>
	15½		15½

Secretarial Science

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304 3	English 202 or 305 3
History 203 3	History 204 3
Secretarial Science 241 3	Secretarial Science 242 3
Health and Physical	Health and Physical
Education 201 1	Education 202 1
Mathematics 105 3	Mathematics 106 3
Speech 201 or 301 3	Speech 202 or 302 3
—	—
16	16

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
English 201 or 304 or	English 202 or 305 or
Business Administration (Accounting) 211	Business Administration (Accounting) 212
or Language or	or Language or
Christian Education 3	Christian Education 3
Secretarial Science 351 2	Secretarial Science 352 2
Economics 201 3	Economics 202 3
Secretarial Science 133 3	Secretarial Science 134 3
Electives 6	Electives 6
—	—
17	17

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
Secretarial Science 243 3	Secretarial Science 244 3
Art 320 3	Secretarial Science 472 3
Music 242 2	Electives 10
Secretarial Science 471 3	—
Electives 5	16
—	—
16	—

The secretarial science major must choose a minor subject which will be completed as a part of his elective courses.

SUGGESTED COURSE OF STUDY IN SECRETARIAL SCIENCE LEADING TO A TWO-YEAR PROFESSIONAL CERTIFICATE

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
English 111 3	English 112 3
Bible 123 3	Bible 124 3
Psychology 150 3	Psychology 254 3
Speech 201 or 301 3	Speech 202 or 302 3
Secretarial Science 131 1½	Secretarial Science 132 1½
Secretarial Science 133 3	Secretarial Science 134 3
Health and Physical	Health and Physical
Education 101 1	Education 102 1
—	—
17½	17½

Secretarial Science

		SECOND YEAR	
FIRST SEMESTER		SECOND SEMESTER	
Secretarial Science 241	3	Secretarial Science 242	3
Secretarial Science 243	3	Secretarial Science 244	3
Secretarial Science 351	2	Secretarial Science 352	2
Economics 201	3	Economics 202	3
Business Administration 211		Business Administration 212	
or Elective	3	or Elective	3
Health and Physical		Health and Physical	
Education 201	1	Education 202	1
Secretarial Science 471	3	Secretarial Science 472	3
	—		—
	18		18

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.

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.

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.

243-244—ADVANCED SHORTHAND—Intensive practice in reading and writing for the development of speed and accuracy; advanced study in dictation and transcription; and study of secretarial procedures and practices. Three semester hours.

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.

471—OFFICE PRACTICE—A course in office procedures acquainting prospective teachers or secretaries with infor-

mation 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 for which Secretarial Science 241-242 and Secretarial Science 243-244 are prerequisites. Three semester hours.

Health and Physical Education

Milligan recognizes the need for physical and social as well as mental and spiritual development. Courses are provided to give training in the discipline of the body and leadership in recreation and in major and minor sports. In addition, the courses provide 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 majors should be active in several intramural sports.

Uniforms—Students should not purchase class uniforms before coming to Milligan. However, each should have ample recreational clothing, including sweat clothing (men), gym-shoes, swim suit, (also a bathing cap for girls).

A major in Health and Physical Education consists of twenty-four semester hours including the following courses:

	Semester Hours
Health Education 250	3
Personal Hygiene 251	3
or	
Community and School Hygiene 254	3
Safety Education and First Aid 354	3
Folk Games and Other Rhythmic Activities 305	2
Tumbling, Stunts, and Conditioning for Girls 307	2
or	
Tumbling, Stunts, Pyramids 308	2
Adult Recreative Sports 312	2
Swimming and Water Safety 401	2
Administration of Health and Physical Education 404	3

Health—Physical Education

In addition to the above requirements the major must take Biology 203-204. (Anatomy and Physiology).

In addition to the above health and physical education courses the following courses are required for certification in Tennessee.

	Semester Hours
Team Sports for Women 311 (for Women)	3
Coaching Major Sports for Men 313 (for Men)	3
Theory and Technique of Training and Conditioning 303 (for Men) ..	2
Physical Education for Public Schools 203	2
Adaptive Physical Education 306	2

A suggested course of study for a major in Health and Physical Education and leading to the B.S. degree and a teaching certificate in Tennessee follows. Those desiring to be certified in other states should secure the essential information from the respective state Department of Education.

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Health and Physical Ed. 101 or 106 ..	1	Health and Physical Ed. 102	1
Biology 111	4	Biology 112	4
Mathematics	3	Mathematics	3
Psychology	3	Psychology	3
.....	17	.....	17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 304	3	English 202 or 305	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
Biology 203	4	Biology 204	4
Health and Physical Ed. 250	3	Health and Physical Ed. 254	3
Health and Physical Ed. 203	2	Health and Physical Ed. 354	2
Health and physical Ed. 311	2	Health and Physical Ed. 305	2
or Elective	3	Education	3
Education	3	.....	18
.....	19		

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education	3	Education	3
Health and Physical Ed. 303 or 307 ..	2	Health and Physical Ed. 307 or 308 ..	2
Health and Physical Ed. 405	2	Health and Physical Ed. 312	2
or Elective	3	Health and Physical Ed. 306	2
Health and Physical Ed. 305	2	History 204	3
Sociology 301 or 303	3	Economics 202	3
Economics 201	3	Education	3
History 203	3	.....	18
.....	19		

Health—Physical Education

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education	6	Education	6
Health and Physical Ed. 409		Health and Physical Ed. 401	2
or Elective	3	Health and Physical Ed. 404	2
Health and Physical Ed. 313	3	Electives (Art, Music, Philosophy)	5
Electives (Art, Music, Philosophy)	6		—
	—		16
	18		

100A-100B—PHYSICAL EDUCATION (MEN AND WOMEN)—That phase of physical education which meets the needs of the individual who, because of some physical inadequacy, functional defect capable of being improved through exercise, or other deficiency, is unable to take part in the regular physical education program. One semester hour.

101-102—PHYSICAL EDUCATION (MEN)—Prescribed participation in athletic skills and seasonal sports. Required of all freshmen. Meets twice a week. One semester hour.

101-102—PHYSICAL EDUCATION (WOMEN) — Prescribed participation in team sports. Required of all freshmen. Meets twice a week. One semester hour.

106—WRESTLING — For beginning wrestlers. Various positions, holds, takedowns; technique and strategy; wrestling participation. This course may be substituted for 101-102. One semester hour.

200A-200B—PHYSICAL EDUCATION (MEN AND WOMEN)—Continuation of 100A and 100B. One semester hour.

201-202—PHYSICAL EDUCATION (MEN) — Individual sports emphasized. Required of all sophomores. Meets twice a week. One semester hour.

201-202—PHYSICAL EDUCATION (WOMEN)—Individual and recreational activity. Required of all sophomores. Meets twice a week. One semester hour.

203—PHYSICAL EDUCATION FOR THE PUBLIC SCHOOL—A course designed to prepare the teacher to

Health—Physical Education

direct games and playground activities in the public school. Includes mimetics, running games, story plays, stunts, etc. Offered annually. Two semester hours.

250—HEALTH EDUCATION—A survey course designed to impart knowledge of the principles of health education and health education practices. Emphasis is placed upon methods of instilling desirable attitudes and practices among public school children. Offered annually. Three semester hours.

251—PERSONAL HYGIENE—An analysis of the problems pertaining to individual health. Attention is given to the complex factors in personality and the application of scientific facts and principles to living. Alternate years. Odd. Three semester hours.

254—COMMUNITY AND SCHOOL HYGIENE—A general survey of the principles of sanitary science as they apply to food and water, sewage and garbage disposal, ventilation, housing, and other school and community problems. Alternate years. Even. Three semester hours.

303—THEORY AND TECHNIQUE OF TRAINING AND CONDITIONING (MEN)—Physiological aspects of training and conditioning. Methods of conditioning for various types of activities; treatment and care of injuries. Offered annually. Two semester hours.

305—FOLK GAMES AND OTHER RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps, and folk games of various countries. Opportunities are given for leadership experience under directed supervision. Alternate years. Odd. Two semester hours.

306—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped for all age levels. Attention is given to corrective procedures. Alternate years. Odd. Two semester hours.

307—TUMBLING, STUNTS, AND CONDITIONING FOR GIRLS—Instruction in tumbling, stunts, and conditioning

with emphasis upon the development of total fitness of the individual. Alternate years. Odd. Two semester hours.

308—TUMBLING PYRAMIDS, AND STUNTS—Instruction in tumbling, brother acts, pyramid building, and stunts in line with the ability of the class. Material will be presented which may be used in elementary and secondary schools. Two semester hours.

311—TEAM SPORTS FOR WOMEN—Instruction in the fundamentals of such team sports as basketball, soccer, volleyball, field hockey, softball, and speed ball. Adaption is made to the high school education program. Alternate years. Even. Three semester hours.

312—ADULT RECREATIVE SPORTS—The teaching of sports activities suitable for adults. Alternate years. Odd. Two semester hours.

313—COACHING FOR MAJOR SPORTS—Football, basketball, track, and baseball. Techniques, formations, plays, and tactics are analyzed and evaluated. Officiating, important rules, and rule changes are studied. Three semester hours.

354—SAFETY EDUCATION AND FIRST AID—Emergency treatment of injuries for practical home and school use. The course includes a survey of safety education materials and methods of accident prevention in the schools. Three semester hours.

401—SWIMMING AND WATER SAFETY—Methods of teaching the various strokes and dives. Water games, stunts, and swimming meets. Safety procedures and American Red Cross Life Saving Tests. Alternate years. Even. Two semester hours.

404—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program administration at junior and senior high school levels. Considered are such problems as personnel, organization, scope of activity, evaluation, finance, and equipment. Alternate years. Even. Three semester hours.

Education

405—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—A study of the history, principles, and policies of physical education programs. An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Alternate years. Odd. Three semester hours.

408—APPLIED PHYSICAL EDUCATION—This course is designed to aid the physical education major in his preparation to do his directed teaching in the public schools through close association with the professor in conducting other physical education classes. The student will do research in physical education and complete a problem assigned or approved by the professor. The completed work will be filed with the department. Available each term, upon approval. Two semester hours.

409—RECREATION LEADERSHIP—The scope and significance of recreation. Emphasis is placed on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Alternate years. Even. 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 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 TRAINING
EDUCATION PROGRAM*

All students who desire to enter the teaching education program should make formal application to the teacher education program during the semester in which the student 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 and for guidance counselors. For the past several years a large per cent 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 in states throughout the nation.

Education

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.

THE ELEMENTARY CURRICULUM

Bible

Course No.	Title	Hours
Bible 123-4	Old & New Testament Survey	6

English

English 111-2	English Composition	6
English 201-2 or English 304-5 or English 345-6	Survey of English Literature Survey of American Literature Survey of World Literature	6
English 354	Children's Literature	3
Speech 201	Elementary Speech	3

Foreign Language

Foreign Language 211-2	Intermediate: Latin, German French, Greek or Spanish	6
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Health and Physical Education (Should total 12 hours)

Health and Physical 101-2, 201-2	Activity	4
Health and Physical Ed. 250 (Health and Physical Ed. 251, 254 or 354 may be substituted for	Health Education	3
Health and Physical Ed. 203	Physical Ed. for Public Schools	2
Sociology 303	Family	3

Mathematics

Mathematics 103-4	Fundamental Concepts	6
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Psychology

Psychology 150	Introduction to Psychology	3
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Social Sciences (choose 12 hours)

History 203-4	American History	
Economics 201-2	Principles of Economics	
History 113-4	History of Civilization	
Sociology 301	Sociological Theory	
Geography 103	World Geography	12

Music and Art

Music 351	Music in the Elementary School	3
Music 242 or	Music Appreciation or,	
Art 320	Art Appreciation	3
Art 311	Art for Elementary Teachers	3

Science (choose 12 hours)

Chemistry 101-2	Inorganic Chemistry	
Biology 111-2	Gen. Botany & Zoology	
Physics 205-6	Physical Science Survey	12

Professional Education

Psychology 252	Developmental Psychology	4
Psychology 354	Educational Psychology	3
Education 337	History and Philosophy of Education	3
*Education 411-2	M & M of Elementary Teaching	6
Education 421	Directed Teaching	8

*Teaching of Reading may be substituted for Education 411.

Elementary Majors

The elementary education student will take an academic major in addition to the general and professional course requirements in Education. These majors are designed to be especially functional for the student who plans to do modern team teaching.

ELEMENTARY EDUCATION MAJORS

English

English 345-6	World Literature
English 381	Linguistics
English 354	Children's Literature
English 308	Modern Poetry
Six additional hours of literature.	

History

History 113-4	History of Civilization
History 203-4	American History
Twelve hours to be selected from:	
History 303-4	History of American Diplomacy
History 313	Problems in Contemporary Civilization
History 331-2	History of England
History 361	History of Russia
History 362	History of the Near East
History 363	History of the Far East
History 371-2	Latin American History
History 401-2	Intellectual History of the Western World

Foreign Language

Eighteen hours of German, French or Spanish.

Education

Bible

Bible 123-4	Old & New Testament Survey
Bible 201	The Life of Christ
Bible 202	The Book of Acts
Bible 301-2	Prophets
History 341-2	Church History

Christian Education

Christian Education 261	Introduction to Christian Education
Christian Education 304	Christian Education for Children
Christian Education 305	Christian Education of Youth
Christian Education 306 (choose 18 hours)	Christian Education of Adults
Bible 201	Life of Christ
Bible 202	Acts
Bible 301-2	Prophets
Bible 313-4	Epistles
Bible 411-2	Paul's Doctrinal Epistles
History 341-2	Church History
Philosophy 101-2	Introduction to Philosophy

Mathematics

Mathematics 103-4	Fundamental Concepts
Mathematics 111	Algebra and Trigonometry
Mathematics 215	Geometry
Mathematics 307	Linear Algebra
Mathematics 308	Abstract Algebra

Psychology

Psychology 150	Introduction to Psychology
Psychology 152	General Psychology
Psychology 252	Developmental Psychology
Psychology 250	Social Psychology
Psychology 354	Educational Psychology
Psychology 356	Psychology of Personality Adjustment
Psychology 454	Introduction to Testing
Psychology 355 or Psychology 450	Literature and Psychology Psychology of Abnormal Behavior

THE SECONDARY CURRICULUM

English

Course No.	Title	Hours
English 111-2	English Composition	6
English 201-2 or English 304-5 or	Survey of English Literature	
English 345-6	Survey of American Literature	
	Survey of World Literature	6

Music and Art

Music 242 or Art 320	Music Appreciation Art Appreciation	3
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Science (choose 8 hours)

Chemistry 101-2 or Biology 111-2	Inorganic Chemistry Gen. Botany & Zoology	8
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Health and Physical Education (Should total 6 hours)

Health and Physical Ed. 101-2; 201-2	Activity	4
Health and Physical Ed. 250 (Physical Ed. 251, Physical Ed. 254 or Physical Ed. 354 can be substituted.)	Health Education	3
Sociology 303	Family	3

Social Science (choose 12 hours)

History 203-4	American History	
Economics 201-2	Principles of Economics	
History 113-4	History of Civilization	
Sociology 301	Sociological Theory	12

Mathematics

Math 111-2 or Math 105-6	Algebra & Trigonometry	
	Finite Mathematics	5 or 6

Psychology

Psychology 150	Introduction to Psychology	3
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Bible

Bible 123-4	Old & New Testament Survey	6
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Foreign Language

Language 211-2	Intermediate: Latin, Greek, French, or Spanish	6
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Professional Education

Psychology 252	Developmental Psychology	4
Education 337	History and Philosophy of Education	3
Psychology 354	Education Psychology	3
*Education 471	M & M of Secondary Education	3
*Education 472	M & M of Secondary Education	3
Education 481	Student Teaching	8

(Education 471 may be a methods course in a specific discipline such as Teaching of English, Teaching of Music in the Secondary School, etc.)

MAJORS AND MINORS

Secondary majors and minors should be chosen from the following disciplines: Bible, Biology, Business Administration, Chemistry, English, Foreign Languages, Health and Physical Education, History, Mathematics, Music, Psychology, Secretarial Science, Social Studies.

201—INTRODUCTION TO EDUCATION—This course is designed to acquaint the student with the field of education and the profession of teaching. Attention is given to national, state, and local influences in education. Two semester hours.

252—DEVELOPMENTAL PSYCHOLOGY—See Psychology 252.

354—EDUCATIONAL PSYCHOLOGY—See Psychology 350.

337—HISTORY AND PHILOSOPHY OF EDUCATION—

Education

A survey of the development of education from ancient Greek times to the present. Three semester hours.

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

347—SCHOOL ORGANIZATION AND ADMINISTRATION—A study of the routine management of the school with special attention to records, reports, and the guidance program. 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.

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.

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. Four 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.

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

481—DIRECTED TEACHING IN THE SECONDARY SCHOOL—Teaching in the public school under the super-

vision of the classroom teacher with the aid of the college supervisor and major professor. 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.

GUIDANCE COUNSELING

Students wishing to certify as guidance counselors in secondary schools can do so by taking eighteen hours of work in the guidance and counseling field. Before permanent certification can be completed the student will have to complete two or three years of successful teaching.

301—HISTORY AND PHILOSOPHY OF GUIDANCE—To acquaint the student with the philosophical bases upon which a guidance program is built. Three semester hours.

302—ORGANIZATION AND ADMINISTRATION OF GUIDANCE PROGRAMS—Responsibilities of administrators, teachers, and counselors in the guidance program. Three semester hours.

361—PRINCIPLES OF GUIDANCE—Attention is given to the factors necessary for effective guidance as an integral part of the total school program. 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.

490—PROBLEMS IN PERSONNEL AND GUIDANCE—This is an independent study plan for students planning graduate work. The student will define a problem and work under a faculty member. One to three semester hours.

Biology

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 premedical, pre dental, and other prebiological disciplines.

The requirements for the bachelor of arts degree in biology consist of twenty-four semester hours, which include Biology 111, 112, 201, 202, 403; twelve hours of chemistry including Chemistry 301; and Mathematics 111 and 112. A chemistry minor is suggested.

For a bachelor of science degree the requirements include Biology 111, 112, 201, 202, and 403; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112; and Physics 201 and 202. Mathematics 201 and 202 are recommended. Completion of the intermediate year of a foreign language, preferably German or French is required.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN
BIOLOGY AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 111	4	Biology 112	4
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Chemistry 101	4	Chemistry 102	4
Mathematics 111	3	Mathematics 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	—		—
	18		18

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 201	4	Biology 202	4
History 203	3	History 204	3
Mathematics 201	3	Mathematics 202	3
Psychology 150	3	Psychology	3
Chemistry 201	4	Chemistry 202 or elective	4
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	—		—
	18		18

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Biology 303	4	Biology 304	4
English	3	English	3
Foreign Language	3	Foreign Language	3
Mathematics 201	3	Mathematics 202	3
Economics 201	3	Economics or Sociology	3
	—		—
	16		16

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
Biology 403	4	Biology 311 or 404	4
Physics 201	4	Physics 202	4
Chemistry 301	4	Chemistry 302	4
Electives	3	Electives	3
	—		—
	18		18

111—GENERAL BOTANY—A presentation of basic biological principles, particularly as illustrated by study of the seed plant and with frequent reference to animal biology. A brief view of the plant kingdom is included. Three lectures and one laboratory period. Offered annually. Four semester hours.

Biology

112—GENERAL ZOOLOGY—A survey of selected animal phyla, with stress upon relationships within and between animal groups and between plants and animals. Throughout the course, principles learned are related to the organization and functioning of the human body. Prerequisite Biology 111. Three lectures and one laboratory period. Offered annually. Four semester hours.

201—INVERTEBRATE ZOOLOGY — Attention in this study is given to the different invertebrate groups as to their structure, physiology, names, geographical distribution, natural history, phylogeny, and importance to man. The laboratory will largely be devoted to the morphology and physiology of selected types of invertebrates. Prerequisite: Biology 111-112. Two lectures and two laboratory periods. Offered annually. Four semester hours.

202—VERTEBRATE ZOOLOGY—This study is to present the basic principles and theories, relating to distribution, specialization and behavior of the vertebrates with a laboratory emphasis upon the morphology of representative vertebrate forms. Prerequisite: Biology 111-112. Two lectures and two laboratory periods. Offered annually. Four semester hours.

203-204—ANATOMY AND PHYSIOLOGY — A study of the bones, muscles, and other organ systems in relation to physical development. Designed especially for the general student and those interested in Physical Education, not for pre-medical, pre-dental, or Biology majors. Three lectures and one laboratory period. Prerequisites: Biology 111-112. Alternate years. Four semester hours.

205—SCIENCE FOR THE GRADES—This course is designed for elementary school teachers. It stresses science materials, conservation, health, and methods of preparing subject material. Not applicable toward a major or minor. Four semester hours.

303—MICROBIOLOGY—A basic course including the preparation of media, culture, methods, sterilization, isolation, staining, and identification of micro-organisms. Prerequisite:

site: Biology 202. Two lecture and two laboratory periods. Alternate years. Four semester hours.

304—**PARASITOLOGY**—An introductory course consisting of a survey of the most common parasites of man. Includes life histories, incidences, morphology, classification and control of the helminths, protozoa, and the more important infectors and parasites. Prerequisite: Biology 202. Two lecture and two laboratory periods. Alternate years. Four semester hours.

309—**GENERAL PHYSIOLOGY**—A study of the basic principles of general physiology as related to the cell, tissues, organs, and organ systems in plants and animals with special emphasis upon physico-chemical aspects. Prerequisite: Biology 201, 202 and Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

311—**ANIMAL HISTOLOGY**—A study of the microscopic structure of various types of tissues found in vertebrates, with the theory and application of the various methods of their preparation for examination. Prerequisites: Biology 202; Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

312—**GENERAL ECOLOGY**—A study of the relationship between organisms and their environment. Emphasis is given to adaptations which make possible essential plant and animal functions, to relationships between animals and plants, to population pressures, and to factors affecting plant and animal distribution. Prerequisite: Biology 202, three lectures. Three semester hours.

401—**TAXONOMY OF FLOWERING PLANTS**—Collection and identification of wild flowers of Eastern Tennessee with instruction in herbarium methods. Prerequisite: Biology 111-112. One lecture and three laboratory periods. Four semester hours.

402—**ELEMENTARY GENETICS**—A study of generation to generation transmission of physical characteristics in plants and animals and the laws governing resemblances

Chemistry

and differences in successive generations. Prerequisite: Biology 202. Three lectures. Three semester hours.

403—COMPARATIVE VERTEBRATE ANATOMY — A systematic and comparative study of the principal systems of the vertebrates. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

404—VERTEBRATE EMBRYOLOGY—A study of the general principles of vertebrate development for the fertilized egg to the formation of tissues and organs. Prerequisite: Biology 202. Two lectures and two laboratory periods. 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 major in chemistry with a bachelor of arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The major in chemistry with a bachelor of science degree consists of thirty-two hours of chemistry including Chemistry 101-2, 201-2, 401-2. A minor in mathematics and the completion of the intermediate year of a language, preferably German or French, are required.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN CHEMISTRY AND LEADING TO THE B.S. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 101	4	Chemistry 102	4
English 111	3	English 112	3
Bible 123	3	Bible 124	3
Mathematics 111	3	Mathematics 112	3
Psychology 150	3	Psychology	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 201	4	Chemistry 202	4
English 201 or 304	3	English 202 or 305	3
Mathematics 201	3	Mathematics 202	3
History 203	3	History 204	3
Foreign Language	3	Foreign Language	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	—		—
	17		17

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 301	4	Chemistry 302	4
Mathematics 301	3	Mathematics 302	3
Physics 201	4	Physics 202	4
Foreign Language	3	Foreign Language	3
Economics 201	3	Economics 202	3
	—		—
	17		17

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 401	4	Chemistry 402	4
Chemistry elective	4	Electives	10
Electives	6		—
	—		14
	14		

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.

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.

Mathematics

Aliphatic compounds are studied in the first semester; the aromatic compounds in the second. Prerequisite: Chemistry 101-102. 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 201, 202; Physics 201-202. Four semester hours.

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.

A student has the right to petition for a proficiency examination in any mathematics course offered. An "A" or "B" on the examination allows the student to receive credit for the course with the grade made on his examination. He then may proceed to the next course.

103—FUNDAMENTALS OF MATHEMATICS I—A study of the nature of mathematics, sets and set algebra, deductive logic, the whole numbers, induction, operations—an axiomatic approach (offered to elementary education majors *only*). Three semester hours.

104—FUNDAMENTALS OF MATHEMATICS II—A study of the fractions, problem solving, mathematical sentences, and solutions sets, the integers, the rational numbers, geometry and the number, and mathematical patterns (open *only* to elementary education majors). Three semester hours.

105-106—FINITE MATHEMATICS—A two semester sequence in the study of logic, sets, Boolean algebra, permutations and combinations, probability, probability measure, matrices, determinants, and functions. (Note: This course will not count toward a 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,

Mathematics

derivatives, differentials of algebraic functions, maxima and minima, rates, and the conics. (Prerequisite: Ma. 110 or Ma. 111 and 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: Ma. 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: Ma. 212.) Three semester 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.

315—PROBABILITY AND STATISTICS — A study of

Physics

probability, independent trials, functions on a sample space, approximations, elementary statistics and applications. (Prerequisite: Math. 212.) 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 credit each semester.

Physics

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.

301—THERMO-DYNAMICS — 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.

Area of Social Learning

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.

A student seeking to major in social studies will file written request therefore with the chairman of social studies not later than the end of his sophomore year. At that time a program which is adapted to the student's individual needs and which when completed satisfactorily will qualify the student as a social studies major will be prescribed. Such a major requires completion of twenty-four semester hours, apportioned as follows:

	Semester Hours
Economics 201-202	6
Government 303-304	6
Sociology 301	3
Elective (not below 300 level)	3
Electives (400 level)	6

Students minoring in social studies will complete eighteen semester hours comprising:

	Semester Hours
Economics 201-202	6
Government 303-304	6
Sociology 301	3
Elective (400 level)	3

SUGGESTED COURSE OF STUDY FOR A MAJOR IN SOCIAL STUDIES AND LEADING TO THE A.B. DEGREE AND AN ELEMENTARY CERTIFICATE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Science 111	4	Science 112	4
Bible 123	3	Bible 124	3
History 113	3	History 114	3
Psychology 150	1	Education 201	2
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	17		16

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 201 or 211	3	English 202 or 212	3
Foreign Language	3	Foreign Language	3
History 203	3	History 204	3
Economics 201	3	Economics 202	3
Education	3	Education	3
Geography 103	3	Geography 104	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	19		19

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
Education 337	3	Education 388	3
Mathematics 101	3	Mathematics	3
Biology 205	4	English 354	3
Art 211A	2	Art 211B	2
Government 303	3	Government 304	3
	18		17

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Government or Economics (400 level)	3	Government or Economics (400 level)	3
Health and Physical Ed. 250	3	Health and Physical Ed. 203	2
Music 351	2	Health and Physical Ed. 251 or 254	3
Speech 201	3	Sociology 303	3
Education 411	3	Education 412	3
Elective (300 or above)	3	Education 421	4
	17		18

Economics—Geography

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.

Economics 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 institution are studied to observe the application of principles. Prerequisite: Economics 201-202. Alternate years. Three semester hours.

Economics 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 SYSTEM—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.

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 adaption 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.

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

Sociology

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. Prerequisites: 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—An intensive study of the United States Constitution as it has developed through the interpretation of the courts. Emphasis is given to current constitutional issues, such as equal protection of the laws, federal economic regulation, and First Amendment Freedoms. Prerequisite: Government 303. Alternate years. Three semester hours.

Sociology

301—SOCIOLOGICAL THEORY—A study of the nature of human society, its cultural patterns, moving forces, and institutional expressions. 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. This course is open only to those who seek a teaching certificate; by these students this course may be substituted for Sociology 301 toward a major. 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 Miligan College that a sound program of historical study be offered.

The major in history consists of thirty hours, at least twelve of which must be on the junior and senior levels.

SUGGESTED COURSE OF STUDY FOR A MAJOR IN HISTORY AND LEADING TO THE B.A. DEGREE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Biology 111	4	Biology 112	4
Bible 123	3	Bible 124	3
History 115	3	History 116	3
Mathematics 105 or 111	3	Mathematics 106 or 112	3
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	17		17

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
Psychology 150	3	Psychology	3
History 203	3	History 204	3
History 215	3	History 216	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	16		16

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 301 or 361	3	English 302 or 362	3
Sociology 301	3	Elective	3
Economics 201	3	Economics 202	3
History Elective (300)	3	History Elective (300)	3
	15		15

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Government 303	3	Government 305 or 306	3
Philosophy 301	3	Philosophy 302	3
History Elective	3	History Elective	3
Intellectual History 401	2	Intellectual History 402	2
Historiography 403	1	Historiography 404	1
History Seminar	3	History Seminar	3
Elective	2		
	17		15

SUGGESTED COURSE OF STUDY FOR A MAJOR IN HISTORY AND LEADING TO THE B.A. DEGREE AND A SECONDARY TEACHING CERTIFICATE

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 111	3	English 112	3
Biology 111	4	Biology 112	4
Bible 123	3	Bible 124	3
Mathematics 101	3	Mathematics 102	3
Psychology 150	3	Education 201	2
Health and Physical Ed. 101	1	Health and Physical Ed. 102	1
	17		16

History

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
History 203	3	History 204	3
Foreign Language	3	Foreign Language	3
English 201 or 304	3	English 202 or 305	3
Education 220	3	Education 221	3
History 115	3	History 116	3
Economics 201	3	Economics 202	3
Health and Physical Ed. 201	1	Health and Physical Ed. 202	1
	—		—
	19		19

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Foreign Language	3	Foreign Language	3
English 301 or 361	3	English 302 or 362	3
Education	3	Education 338	3
History 215	3	History 216	3
Health and Physical Ed. 250	3	Sociology 303	3
	—		—
	15		15

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Education 471	3	Education 472	3
History 401	2	History 402	2
History 403	1	History 404	1
Philosophy 301	3	Philosophy 302	3
Government 303	3	Education 481	4
History 441	3	History 442	3
	—		—
	15		16

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. Offered annually. 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. Offered annually. Not open to history majors and minors. Three semester hours.

115—ANCIENT HISTORY—A study of the development of western culture from its earliest manifestations to the end of the Roman Republic. The social, political, economic, and religious institutions of Egypt, the Near East, Greece, and Rome are examined with an effort to ascertain and appreci-

ate their significance to the evolution of western culture. Special attention is given to the cultural synthesis which developed at the close of the period of Republican Rome. Offered annually. Three semester hours.

116—MEDIEVAL HISTORY—A study of the development of western culture from the beginning of the Roman Empire to the beginning of the Thirty Years War. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other casual factors involved in the Protestant Reformation. The beginnings of nationalism are noted, and attention is given to the beginnings of the types of economic, scientific, and political activity that provides the background for western culture today. Offered annually. Three semester hours.

203-204—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. Offered annually. Three semester hours.

215—MODERN HISTORY—A study of the significant developments within western civilization during the period extending from the Protestant Reformation to the First World War. The scope of the study gradually enlarges until it involves a world view. Offered annually. Three semester hours.

216—CONTEMPORARY HISTORY—A study of the major events, ideas, and institutions which have played a major role in the world since the Second World War. Special attention is given to the continued growth of nationalism, efforts toward world organization, the scientific and technological changes, and the struggle between the democratic and the communistic nations. Offered annually. Three semester hours.

The courses numbered 115, 116, 203, 204, 215, and 216

History

constitute the basis for the major in history, and in most instances will comprise the minor.

303-304—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 203, 204. Offered in alternate years (even). Three semester hours.

313 — PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems in contemporary civilization, such as revolution, nationalism, and colonialism. Offered alternate years (odd). 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: History 113-114, or 115-116 as desired. Offered alternate years (odd). Two semester hours.

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 115-116 prerequisite. Three semester hours.

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 (odd). Three semester hours.

362—HISTORY OF THE NEAR EAST—A study of the development of the Near East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

363—HISTORY OF THE FAR EAST—A study of the development of the Far East, with special reference to those

ideas and institutions which bear upon contemporary events. Offered alternate years (even). 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 203-204. Offered as desired alternate years (odd). Two 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 (even). Two semester hours.

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

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.

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. Offered annually. Three semester hours.

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

History

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.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of four classifications—Trustees, 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 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 for their commitment to the purpose of the College.

Term Expires 1968

Byron F. Harper, Jr., M.D.—Physician, Atlanta, Georgia.

C. Howard McCorkle—*Vice Chairman*—Superintendent, City Schools, Johnson City, Tennessee.

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

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

The Trustees

Steve Lacey, L.L.D.—*Chairman*—Pure Oil Distributor, Johnson City, Tennessee.

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

John U. Phelps—Minister, Church of Christ, Mill Hall, Pennsylvania.

Roy True—Public Accountant, Indianapolis, Indiana.

George Walker—Insurance Executive, Canton, Ohio.

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

Term Expires 1967

Harlis Boling, M.D.—Physician, Kingsport, Tennessee.

Samuel C. Bower, M.D.—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.

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

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

Term Expires 1966

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

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

**Emeritus, retired 1959 after 37 years of service.

The Trustees

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

William E. Gilbert—Professor-emeritus, Radford College, Radford, Virginia.

Leslie L. Lumsden—Retired, Elizabethton, Tennessee.

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

W. Clyde Smith, D.D.—Retired Minister, Piney Flats, Tennessee.

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

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

OFFICERS OF ADMINISTRATION

Dean E. Walker	President
Guy Oakes	Dean
Ray E. Stahl.....	Director of Office of Information
Jess W. Johnson.....	Vice-President for Development
Joe P. McCormick.....	Assistant to the President
Robert O. Fife.....	Director of Summer School
Carl E. Shaw.....	Dean of Students
Dennis Helsabeck.....	Director of Guidance
Roger Sizemore.....	Co-Ordinator of Student Life
Dorothy Bryant.....	Dean of Women
Phyllis D. Fontaine	Registrar
B. J. Moore.....	Business Manager

STAFF MEMBERS

Ruth Ratcliffe.....	Secretary to the President
June Leonard.....	Secretary to Mr. Stahl
Phyllis Parsley.....	Secretary to the Dean
Faye Filby.....	Secretary to Dr. Johnson
Emerald Webb.....	Secretary to Mr. Moore

The Faculty

Virginia Laws	Bookkeeper
Sara Smith	Bookkeeper
Charlotte Blevins	Cashier
Lucy Swain	Housemother
Willie Botkin	Housemother
Sadie Kinlaw	Housemother
Willie Martin.....	Housemother
Florence Ritz	Dining Room Manager
Preston Kyte.....	Foreman of Maintenance
Harriet Hitchner and Louise Williams.....	Nurses

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.

HENRY J. DERTHICK, President-emeritus (1917)

B.A., Hiram College; M.A., University of Michigan; Columbia University; LL.D., Milligan College.

DEAN EVEREST WALKER, President (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.

GUY OAKES, Dean of the College (1943)

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

RAY EMERSON STAHL, Director of Office of Information (1950)

B.A., Bethany College; Ed.M., University of Pittsburgh; B.D., Butler University; St. Vincent College; Pittsburgh School of Accountancy; University of Kentucky.

The Faculty

JESS W. JOHNSON, Vice-President for Development (1966)

B.Th., Northwest Christian College; B.D., Christian Theological Seminary; D.D., Milligan College; University of Oregon; Butler University; Union Theological Seminary; and LaSalle University.

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

B.A., Milligan College.

CARL E. SHAW, Dean of Students and Professor of Psychology (1963)

B.Ed., Eastern Illinois College; M.A., Miami University of Ohio; Ph.D., Purdue University; Florida State 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.

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.

DOROTHY LARSON BRYANT, Dean of Women and Assistant Professor of Christian Education (1963)

B.A., Milligan College; East Tennessee State University; Lincoln Christian College.

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.

SAM J. HYDER, Professor of Mathematics (1916)

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

HUGHES THOMPSON, Chairman of the area of Scientific Studies and Professor 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.

The Faculty

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 English (1948-50; 1962)

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

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.D., Xavier University; B.D., Th.D., Southern Baptist Seminary; Butler University.

DUARD B. WALKER, Director of Athletics and 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.

C. WARREN FAIRBANKS, Professor of Biology (1952, 1965)

B.A., Spokane University; M.S., Washington State 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, JR., 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 Professor of History (1954)

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

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

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

The Faculty

E. JANET RUGG, Assistant Professor 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, Associate Professor Religion (1956)

B.A., Johnson Bible College; M.A., B.A., Phillips University; M.Th., Princeton 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.

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

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

B. HAROLD STOUT, Assistant 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, Assistant Professor of Education (1961)

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

CHARLES ROBERT WETZEL, 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.

MARY LUCILE ARCHER, Assistant Librarian and Cataloger (1962)

B.S., East Tennessee State University; M.A. in L.S., George Peabody College for Teachers.

The Faculty

MAGDALEN BROYLES JUSTICE, Assistant Professor of Biology (1962)

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

MARY PERRY YOUNG, Assistant Professor of English (1962)

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

JOHN DOWD, Assistant Professor of Music (1963)

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

ANNE BRADING DOWD, Assistant Professor of Piano (1963)

B.M., Oberlin College; M.M., New England Conservatory of Music; Salem College.

ROY HAMPTON, Assistant Professor of Mathematics (1963)*

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

FLOYD HEINEY, Assistant Professor of Psychology (1963)*

B.A., Butler University; M.A., Ohio State University; Indiana University.

LEE ROY HERNDON, Professor of Chemistry (1963)

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

DAVID EVERETTE PARSLEY, Assistant Professor of English (1963)

B.A., Ozark Bible College; M.S., Fort Hays State College; M.A., University of Denver; Emporia State Teachers College; Midwest Christian College.

DONALD RAYMOND SHAFFER, Assistant Professor of German (1963)

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

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

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

JOHN LEONARD McCONNELL, Assistant Professor of Biology (1964)

B.S., Ohio State University; M.S., Ohio State University.

*On Leave of Absence

The Faculty

CAMERON C. SINCLAIR, Assistant Professor of Bible (1964)

B.A., Abilene Christian College; Dropsie College; Freed-Hardiman College; Florida Christian College; Abilene Christian College; University of Toronto.

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 Mathematics (1965)

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

ANNA MAE CROWDER, Assistant Professor in 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.

ROSEMARY EDENS, Assistant Professor of Spanish (1965)

B.A., Carson-Newman College; M.A., University of Tennessee; Ph.D., Interamerican University (Saltillo, Mex.); Middleburg College; University of Colorado.

ROY LAWSON, Assistant Professor of English (1965)

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

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

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

GLEN OWENS, Assistant Professor of Music and Director of the Choirs (1965)

B.M., Baylor University; M.M., University of Houston.

GEORGIA HILT STEWART, Assistant Professor of Psychology (1965)

B.A., Milligan College; M.A., Columbia University, R.N., Johnstor Memorial Hospital School of Nursing.

STUDENT LIFE

Those who are admitted to student membership in Milligan College are required to pledge themselves to accept seriously the direction of the faculty in developing themselves toward the possession of character—mental, moral, physical, and spiritual—which is the declared goal of the college community. Candidates for admission to student membership must present evidence of ability to do college work. In order to assist students to relate themselves to the various fields of learning, as they apply to social and professional life, a wide variety of organizations and activities have been approved by the faculty. Proposals to initiate new groups or activities may originate with the students. This initiative is encouraged by the faculty.

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.

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 by the Hopwood Memorial Christian Church adjoining the campus, 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.

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 on the

Student Life

third floor of the Administration Building provides a quiet place for devotions and meditations during the day. 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 week-end often finds many of these teams scheduled for youth rallies, missionary conferences, and church services in distant places.

The Milligan College Ministerial Association is an organization of ministerial students and members of the faculty who are ministers. Members of the Association take part in the regular chapel services. 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.

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 Chapel Services, Service Week, and

Cleanup Day are a few of the many projects of the Student Council.

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 widespread recognition. The Milligan College Touring Choir is known throughout the eastern United States. This group of more than forty voices includes appearances in churches and national conventions in its annual tour.

The Chapel Choir is an organization of approximately eighty voices: Other choral organizations include the Modern Madrigal Choir, the Male Chorus and the Women's Chorus.

An annual event is the singing of Bach's MAGNIFICAT at the Christmas season.

The different choral groups make many appearances on television as well as in schools, churches and civic clubs and groups.

Vocal and instrumental ensembles are featured as part of the choir programs and present individual programs to schools, churches, and civic organizations.

Athletics

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

Milligan College is represented in intercollegiate ath-

Student Life

letics 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, bowling, archery, tennis, badminton, ping-pong, 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 greens fee, playing privileges at the Elizabethton Country 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 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.

Professional Organizations

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

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 in an atmosphere of old-world *Gemuetlichkeit*.

Students preparing for a teaching career will 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

The Campus

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

ALUMNI

Graduates, former students, and holders of honorary degrees compose of 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 1965-66

President—Hubert A. Bullis, Jr., minister, Virginia Street Christian Church, Johnson City, Tennessee.

First Vice-President—Duard Aldridge, teacher-coach, Science Hill High School, Johnson City, Tennessee.

Second Vice-President—Joseph Sutherland, minister, First Christian Church, Kingsport, Tennessee.

Secretary—Mary Perry Young, associate professor, Milligan College, Milligan College, Tennessee.

Treasurer—Ivor Jones, professor, Milligan College, Milligan College, Tennessee.

Directors—Mrs. Leslie Lumsden, Elizabethton, Tennessee.

Dr. James Hamilton, physician, Kingsport, Tennessee.

Mrs. Steve Lacy, Johnson City, Tennessee.

THE CAMPUS

Milligan College occupies a campus of above 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.

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. Administrative offices, classrooms, and the auditorium are located here. The concert organ in the auditorium is a gift of Mrs. Carla Burnham Keys as a memorial to her husband.

The Library contains more than ^{40,}30,000 volumes on open shelves. More than ³⁰⁰ current periodicals are on open shelves in the reading rooms. This material has been carefully selected to meet the needs of the program of study in Milligan College. It is housed in the new P. H. Welshimer Memorial Library Building. The library is fully catalogued. Personal guidance and reader service are available at all times.

Hardin Hall was built in 1913. This three story brick residence hall with its social rooms is a favorite meeting place for many campus organizations as well as for informal social events and public receptions. The donors, Mr. and Mrs. George W. Hardin, 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, "Lovers of Youth." It stands on the slope of the hill above the middle campus.

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. However, some 800 spectators can be accommodated in the stands. A limited amount of dormitory space is in this building, the gift of Joel O. Cheek of Nashville, Tennessee.

The President's House stands near the main entrance to the campus.

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

The Campus

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 new dormitory for men, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960.

The P. H. Welshimer Memorial Library was dedicated November 24, 1962. 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.

A new air-conditioned dormitory for 188 women was completed in September 1965.

The W. R. Walker Memorial Chapel is under construction and will be ready for occupancy in September 1966.

PROCEDURES

MATRICULATION

Matriculation is the formal admission of an applicant into membership in Milligan College to either freshman or advanced standing.

The person seeking enrollment must make written application to the Committee on Admissions on a form provided by the College. A non-refundable fee of ten dollars must accompany this application. The application should be mailed to the Committee on Admissions.

The College is concerned that the candidate be able to profit by membership in Milligan; therefore, the Committee on Admissions may require such supplementary information as it deems necessary. The Committee will evaluate the suitability of the candidate for College membership in accordance with the following standards:

Character

The candidate must possess serious purposes, good character, and wholesome personality.

Health

The candidate will be required to furnish on a form provided by the College a report of physical examination by a physician.

Scholastic Preparation

The applicant must be a graduate of an accredited high school or other secondary school. An applicant graduating in the lower half of his class may be required to make a satisfactory score in the Scholastic Aptitude Test or the College Entrance Board Examination.

Procedures

Recommended High School Preparation

Experience has demonstrated correlation between achievement in college and completion of certain courses in high school. The following distribution of high school units is very strongly recommended:

3	English
2	Foreign Language
1	History
1	Algebra
1	Plane Geometry
1	Science (Biology, Chemistry, or Physics)

At least five fields from the above list, with a minimum of seven units, must be included.

Students who plan majors in mathematics or chemistry should, if possible, take trigonometry in high school in addition to one unit each in algebra and plane geometry.

Students planning to major in biology should, if possible, include a unit of biology in their high school program.

Students planning to major in social studies should, if possible, include one unit each of history and government in their high school studies.

Admission by Examination

Applicants for admission to Milligan College, not able to satisfy the entrance requirements by high school diploma, may substitute a satisfactory score on the college entrance examination. One year's work at Milligan must be satisfactorily completed before credit on college courses can be transferred.

Veterans and civilian students over 21 years of age may be admitted if they qualify for a high school diploma on the basis of satisfactory scores on the GED (General Education Development) tests.

Admission to Advanced Standing

Students coming from other colleges are required to present a complete transcript of all work taken in such colleges, as well as a statement of the high school work presented for entrance and a letter of honorable dismissal.

Students with a grade-point average less than 2.0 (C average) will not be considered.

In the evaluation of advanced standing the point hour ratio employed by Milligan will be used.

Special Students

In unusual circumstances an applicant over twenty-one years of age who, though not qualified in any of the above ways but able to demonstrate fitness for college work, may be admitted as a special student, but not as a candidate for a degree. In case a special student decides to become a candidate for the degree, he must satisfy the entrance requirements in full within two years from the time of his admission. No person who can meet the requirements for admission as a regular student is admitted as a special student. Special students are not permitted to represent the College in intercollegiate contests.

Ceremonial of Maltricolation

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

Milligan College does not operate for profit. Expenses are kept at a minimum consistent with efficiency and high standards.

The personal services to the student—room, board, and

Expenses

the activities covered by the service fee—are provided at the lowest possible cost.

The tuition in Milligan provides only half of the actual instructional cost. The other half is secured from endowment earnings and gifts. The minimum expense to a student for one semester is:

Tuition (for 12 to 17 hours)	\$287.50
*Board	180.00
Room	172.50
**Service Fee	30.00

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
Health and Physical Ed. 251, 303	5.00
Science Laboratory Fee	10.00
Secretarial Practice	10.00
Typing	10.00
Biology 311	12.00
Language Laboratory Fee	5.00

Music Fees

See page 37

Dropping a Course

A student may drop a course by permission of the professor and Dean and on notification of the registrar and business office on forms provided for this purpose.

A student will receive no refund for a course dropped unless it occurs within the three weeks from the official date of the semester registration.

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

**In order that all students may participate equally in a number of personal services of the College, a small fee known as a service fee is charged every student. This makes possible admission to all numbers 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.

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.

Room Deposit

Since the accommodations in the dormitories on the Milligan campus are limited, a room deposit is required each year of all dormitory students. This fee is twenty-five (\$25.00) dollars and reserves a room in one of the dormitories. Returning students must file this deposit on or before May 1. New students pay the fee upon notification of their acceptance for admission. The fee is applied to the first semester room rent and is not an additional charge. Unless the College is notified by July 1, the deposit will not be refunded.

Returning students will not have a room reserved until their account is paid and the room reservation fee is on deposit.

Effective January 1, 1967, the room reservation fee shall be fifty (\$50.00) dollars.

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	\$15.00
Tuition each academic hour under 17	25.00
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	5.00
Late registration fee per day	5.00
Change of course fee	5.00
Fee for materials and methods courses	5.00

Expenses

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 twenty-two (\$22.00) 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 of tuition, 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.

Milligan College has made arrangements with Tuition Plan, Inc. for parents and students to contract with that organization for deferred payment of the college account through a combination insurance and loan program. Details of the plan may be obtained by writing the Business Office.

The above policy on down payment requirements does not apply to students who are participating in Tuition Plan, Inc., on full scholarships from Foundations or Corporations, provided the contract or scholarship is as large as the down payment required.

Those who are on Vocational Rehabilitation can apply approved amounts per semester toward the down-payment requirement.

Summer School: All charges are payable on day of registration.

No transcripts will be issued until the student has satisfied all accounts with the College.

A service fee for delinquent accounts will be added according to a scale set by the Business Office. Special arrangements for deferred payments may be made with the Business Manager.

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

Textbooks

New and used textbooks may be purchased at the Miligan Bookstore located in Hardin Hall. *The Bookstore operates on a cash basis and no books will be charged to a student's accounts unless the student is on a full-scholarship. The cost of textbooks, usually, does not exceed \$50.00 for the year.*

Board

The cost of Board is \$180.00 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 \$13.00 per week for the period of their stay in the College.

Refunds

Upon proper notice, a student who withdraws within

Expenses

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 shall 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 Dean before leaving college.

Linen Service

By special arrangement with a local linen supply company the school has made available to all dormitory students a linen rental service. This service will provide 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 \$25.00 for the academic year (plus state sales tax). 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.

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.

A limited number of scholarships are available for ministerial students who demonstrate both worthiness and need.

Application for all scholarships must be made in writing on forms available at the Registrar's Office or Business Office. Scholarships are valid only when the application has been approved by the President of the College. No scholarship may be claimed as a right. A student may not receive more than one scholarship or grant-in-aid.

Part-Time Employment

The College employs students on a part-time basis in the offices, dining hall, library, and in campus and building maintenance. Amounts so earned are credited to the student's account at the College.

To retain work assignments, students must maintain a level of scholarship that is satisfactory to the administration and perform their assigned work to the satisfaction of the supervisor in charge.

Part-time employment may also be found with firms in

Expenses

Johnson City and Elizabethton. Students who have had experience in some form of specialized work have excellent opportunities of securing part-time employment.

Milligan students serve churches in the area as ministers, assistants to the minister, or as directors of music.

Students engaged in part-time employment may not enroll for more than sixteen academic hours without permission of the Dean of the College.

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.

Regulations

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

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.

The National Defense Loan Program

The National Defense Education Act of 1958 provides

Regulations

some funds under provisions known as the Federal Student Loan Program. Preference is given to needy students preparing for careers in elementary and secondary teaching and who desire to major in mathematics, science, and modern foreign language. Application for such loans **must be made** to Milligan College on forms supplied for that purpose. Inquiries may be addressed to the Business Office.

REGULATIONS

Observance of the following regulations is required for continuance in membership in Milligan College.

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 Dean of the College.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bed spread, 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.

Conduct

Milligan College assumes that its students, having voluntarily enrolled, are in sympathy with its purposes and philosophy, and will abide by its accepted practices. During attendance in Milligan, each student is considered a representative of the College whether he is on the campus or away. Students are expected to observe the laws of the community as well as the rules of the College. Therefore, misconduct on the part of any student is a matter of col-

lege concern and may be subject to consideration and action by the Dean of students and members of the Student Disciplinary Committee.

The Student Disciplinary Committee works to maintain the kind of campus environment and student behavior that are appropriate to Milligan's standards. 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 Students. Specific regulations follow.

2. 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. Therefore, the use of alcoholic beverages by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.

3. Gambling is not permitted. Any student violating this rule is subject to dismissal.

4. Dishonesty in examinations, in class work, or any aspect of college life will subject the offender to serious penalties ranging from automatic failure in the course to dismissal from the College.

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

6. 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.

7. The College reserves the right to require the withdrawal of any student whose conduct is considered by the Student Disciplinary Committee to be detrimental to the best interest of the College.

8. Individual or collective student enterprises which use the college name or involve the absence of the partici-

Academic Information

pants from the College must receive the official sanction of the College Administration.

The Dean of the College may require of any student justification of his use of the liberty and responsibility awarded him by his privilege of membership in the College.

Automobiles

The privilege of using an automobile is extended to students residing on campus after the completion of thirty (30) semester hours and sixty (60) quality points. The use of a car 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 written request and co-signed by parent or guardian to the Dean of Students.

A parking fee of \$5.00 per semester will be charged.

Social Activities

All social activities must first be approved by the faculty sponsor and then entered on the social calendar by the Secretary to the President.

Dormitories

The Resident or House Mother in each dormitory, in conference with the Dormitory Council, provides such regulations as may seem conducive to the best community life in the dormitory.

ACADEMIC INFORMATION

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 freshmen rank are detailed in the matriculation section of this catalog.

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 this student achieves a 2.0 the following semester, he may have an additional semester of probation if necessary to bring his cumulative-grade-point average to 2.0.

First semester freshmen who do not have a 1.2 grade-point average will not be granted probation.

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

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. Forms for requesting unclassified status are available at the Registrar's office.

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

Unclassified students are not permitted to represent the College in inter-collegiate contests and cannot vote in class elections.

A student may so arrange his work to accumulate 32

Academic Information

semester hours each year, toward the total 128 semester hours required for advancement to the baccalaureate degree. This program, requiring four years for completion, is regarded as normal.

Students undertaking a program of studies including professional or vocational courses in addition to those required for the baccalaureate degree should arrange to add the number of semester hours necessary. A student electing to meet such career objectives should anticipate so far as possible a distribution of such courses over his four years. The student load may not be less than twelve nor more than eighteen hours without the consent of the Dean of the College.

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, Business Administration, English, Health and Physical Education, Mathematics, Music, Philosophy, Psychology, Science, Secretarial Science, and Social Studies.

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.

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 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 receive "W's" or "F's" as the case may be.

Absences

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

Chapel affords an opportunity for learning for which there is no substitute. Accordingly, chapel attendance is required. More than four unexcused absences from chapel will involve the assignment of the grade "F" for all courses in which the student has been enrolled during that semester.

Absences preceding and following college holidays will be counted as double the number of hours missed.

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

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

Academic Information

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 the point hour ratio of at least 3.75.

Cum Laude, based on a point hour ratio of at least 3.33.

Reports

The Registrar will issue a report of the faculty evaluation of each student's work at the close of each semester and following each mid-semester examination period. The Registrar will mail both reports to the parents or guardians of each freshman. Report on the work of all upper-classmen are mailed to the parents or guardians at the end of each semester.

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.

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.

Glossary

Advisor—Member of the faculty to whom the student may be assigned for curricular and personal counseling.

Major—An area of concentration in one field representing not fewer than twenty-four hours.

Minor—An area of concentration in one field representing not fewer than eighteen hours.

Point Hour Ratio—The average grade expressed in numerical tests. It is obtained by dividing the total quality points by the number of semester hours. For example, a point hour ratio of 3.00 represents an average grade of "B".

Quality Point—The numerical value assigned to a letter grade. A grade "D" is assigned one point per semester hour. The numerical value increases one point for each advance in the letter grade. Thus an "A" grade is assigned 4 quality points per semester hour.

Semester Hour—Represents one hour of class attendance a week for a semester. For example, a course assigned three semester hours or credit meets for 3 one-hour sessions per week for the semester.

REQUIREMENTS OF 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, and Science.

Requirements for a Degree

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

The chart below indicates the specific course requirements for the Bachelor degree.*

Area of Learning	Content Fields	Semester Hours
Biblical	Bible	6
Humane	English	12
	**Foreign Language	12
	Psychology	6
Professional	Physical Education	4
Scientific	Biology	
	or	
	Chemistry	
	or	
	Physics	8
	Mathematics	6
Social	American History	6
	Sociology	
	or	
	Economics	
	or	
	Government	6

*The candidate for the degree must present, in addition to the above requirement, a major consisting of 24 semester hours, a minor of 18 semester hours and electives to total 128 semester hours.

**Students presenting two units of foreign language from the secondary school may satisfy the language requirement with six semester hours at the 200 level in this same language.

Comprehensive Examinations

Each candidate for a degree in Milligan College must satisfactorily complete a comprehensive examination in his major field under the direction of the area chairman in charge of the major subject.

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.

Requirements for a Degree

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 medical or law students.

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 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 medical or law students.

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.

Endowment Funds

- 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 Serepta 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.

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. Dean Everest Walker, President, Milligan College, Milligan, Tennessee.

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 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	Ard Hoven
1960	No lecturer
1961	R. M. Bell
1962	No lecturer
1963	James H. Jauncey
1964	Dr. J. D. Murch
1965	No lecturer
1966	Marshall Leggett

EIGHTY-FIFTH ANNUAL COMMENCEMENT

May 31, 1965

Bachelor of Arts Degree

Barbara Jo Allen	Darlynn Eggers Lowrey*
Henry Clay Bailey, Jr.	Judith Elinor McClain
Lawrence Wade Bain, Jr.	Nancy Williams McCorkle*
Martha Ann Barb	Glen Melvin McFarland
Thomas Alexander Barnard, Jr.	Ronald Gilbert McSwain
Richard Corey Besteder	Kenny Wayne Messman**
Larry Walerij Bondar	Mattie Cecile Mettetal
Michael L. Bradford	Suzanne Larter Morison
Esther May Bryan	William James Morison**
Dorothy Mae Bullis	Pridene Ann Newsom
Carolyn Lee Clem*	Norman Stanley Newton*
Philip Maurice Coleman	Robert Edward Niemi
Juanita Carolyn Colter	Edward Loren Pappert, Jr.*
Donald Terry Daum	Marsha Elaine Patton*
Carl Dyer Davis	Gordon H. Perry, Jr.
Sandra Moore Davis	Mary Lynn Shepherd Phillips
Ronald Bruce Decker	Larry Joe Poe
David Bruce Dunavent	Betty Joe Putt
Ronald William Ellis	Kathy Lorraine Ratliff
Sally Elizabeth Fife	Calvin Wayne Ross
Kay Ellen Fry	Robert Landon Rowe
Carolyn Booth Fulks	James Clyde Russell
David Joseph Fulks*	Pamela Rose Schiappacasse*
Carol Ann Greene	Bonnie Hunt Smith
George William Haden, Jr.	Leonard Pope Smith*
Mary Ann Worrell Hartung*	Rodney Alan Sturtz
Donna Laurie Haven*	Lionel A. Talbott
Nancy Jeanette Hawk*	Sylvia Lyon Taylor
Shirley Ann Hewitt	Sheila Pauline Tressler
Mary Hilbert**	Nancy Jo True**
Janice Marie Honeycutt	Pamela Day Walker
Dennis Kay Hubbard	Arnold Wallace
Iris Rebecca Huie	Alton Wayne Walters
Loretta Pennington Hull**	William Harry Walters
Robert Fulton Hull, Jr.**	Vonda Elizabeth Watz
Phyllis Dean Humphreys	Jack Sherman Waugh
Gary Gene Jenkins	Donna Rose Weed
David Elliott Knowles**	Charles Allen White
Marion Korpi	John Douglas White IV

*Cum laude.

**Magna cum laude.

Bachelor of Science

Robert Dwight Barker, Jr.
Barbara Ruth Bell
June Marie Berns
E. Timothy Blakely
William Reece Bowen
William Gordon Cornelius
Robert Whitnell Dabney
David McCary Daniels
George Alvin Darr, III
Nick M. Dudukovich
Ralph Earnest, Jr.
Charles Ellis Fulks, Jr.
Donald Robert Garland
Daniel Edwin Hartung

Diana Hodges Rogers
Rebecca Ruth Human
Geoffrey Kirsop Hutchings
Douglas Everitt Hyer
Clifton Jordon Johnson
Josef William Klipsch
David James Leggett*
Larry Allen Munsey*
Winton Cornett Phipps, Jr.
David Wilbur McMullen
Rodney A. Price
Claudia LaVerne Saylor
Joseph M. Stapleton
Robert Wallace Sutherland

HONORS

Kenny Wayne Messman, Valedictorian
Loretta Pennington Hull, Salutatorian

HONORARY DEGREES

Earl C. Hargrove, Doctor of Divinity
James N. Johnson, Doctor of Literature

*Cum laude.

SUMMER COMMENCEMENT

August 16, 1965

Bachelor of Arts

James Wilkie Bishop	Linda Lou Orr Spangler
Jean Davis Comer	Rose Carolyn Warfield
Elizabeth Ann Grunder	Richard Francis Vester
Terry J. Miller	Patricia Gertrude Watters
Edgar Lynn Painter	Frederick Earl Wilson
Nadine Peterson	Joann Walters Yoo.,*
Barbara Sue Sergent	Ok Jin Yoo

Bachelor of Science

Kenneth Wayne Curtis	James Edward Hughes
Joseph Rhea Earnest, Jr.	Janet Blowey Jankins
Alfred Spencer Gervin,**	Betty Osborne Johnson,*
Jan Howard Harkleroad	William Clinton Moore
Janice Rowland Hale	Karen Lynne Shaw
Charles Eugene Higgins	William Bruce Thompson, Jr.
Norman Earl Hodge, Jr.	Derrill Jess Tuttle
William Kent Howe	Daniel Marvin White
	Stanley Eugene Woodby

HONORS

Alfred Spencer Gervin, tied for Second Honors.

*Cum laude.

**Magna cum laude.

STUDENT DIRECTORY

Seniors, 1965-66

<i>Name</i>	<i>Home State</i>
Aldridge, Janell	Tennessee
Bain, Walter	Florida
Barkdoll, Leonard	District of Columbia
Barker, Ron	Virginia
Barnes, Harriett	Maryland
Beck, Stefan	Ohio
Benscoter, Mary	New York
Blair, Charles Randall	Virginia
Blizzard, William, Jr.	Mississippi
Bolejack, Jenny	North Carolina
Borushko, Benjamin	California
Bower, Marcia	Pennsylvania
Bower, Samuel	Pennsylvania
Bowles, Donald	North Carolina
Boyd, John, II	Ohio
Braley, Gerald, II	Indiana
Brandon, Nancy	Indiana
Brooks, Robert	Florida
Bullington, John	Tennessee
Campbell, Charles	Virginia
Chambers, Carolyn	Tennessee
Chambers, Jim	Tennessee
Clark, Jerry	Virginia
Clark, Larry	Indiana
Cole, Eric	Tennessee
Conklin, Paul	California
Cooper, Camden	Florida
Cridlin, Clyde, Jr.	Virginia
Crouch, Lorna	Tennessee
Cuthrell, Catherine	North Carolina
Dawson, Robert	Virginia
Dotson, Dennis	California
Douffas, Dora	Washington, D. C.
Druley, Michael E.	Indiana
Emery, Wayne	Arizona
Ellis, Janet Kiser	Illinois
Ellison, Gary	Pennsylvania
Ensor, Richard	Tennessee
Estep, Glenn	Tennessee
Faust, Cheryl	Ohio
Fields, Freddie	Virginia
Fleeman, George	Virginia
Ford, Vivian	Tennessee
Friar, George	Tennessee
Fuzek, Betty	Tennessee
Garris, Callie, Jr.	Tennessee
Golding, Harold	North Carolina
Gregory, James Clyde	Missouri
Hannum, Martha	Ohio
Harkey, Lynn	Georgia
Hass, Robert	New York
Hayes, Patricia	Pennsylvania

Student Directory

<i>Name</i>	<i>Home State</i>
Heath, Duane	Indiana
Hendricks, James	Ohio
Hill, Carol	Ohio
Hill, Gregory	Kentucky
Hislop, Stephen	Kentucky
Hittle, Barbara	Indiana
Hoffman, Robert	Ohio
Honeycutt, Donald	Tennessee
Jackson, Rex	Indiana
Jessee, James	Florida
Judd, Jerry	Indiana
Kleinfeldt, Gaylon	Virginia
Kling, Marilyn	Pennsylvania
Lady, Donald	Tennessee
Lacy, Michael	Tennessee
Lanier, Lana	Ohio
Lease, Diana	Virginia
Leatherman, Wilmer	Virginia
Linton, Constance	Ohio
Liston, Shirley	West Virginia
Loichle, Patricia	New Jersey
Longabaugh, Barbara	Ohio
Love, William	Tennessee
Loveday, Cameron	Alberta, Canada
Lowe, Lonnie	Tennessee
MacDonald, John	Tennessee
Madill, Jeraldyn	Ohio
Maiden, Ray A., Jr.	Virginia
Maines, Claude	Virginia
Marshall, Linda	Tennessee
Maxey, Paula	Japan
Maxey, Robert	Ohio
McBee, Margaret	Maryland
McClain, Joe	Tennessee
McCloud, Joseph	Virginia
McCune, Thomas	Ohio
Meier, Marlys	Ohio
Meredith, Gary	Tennessee
Meyer, Roger	Illinois
Miller, Harold	North Carolina
Miller, James, Jr.	Tennessee
Morgan, Cheryl	Ohio
Newman, James	Indiana
Newman, Charles	Florida
Nighbert, Judith	Indiana
O'Dell, James	Tennessee
Osborne, Bobby	Tennessee
Phair, William	New Jersey
Phillips, Patricia L.	Georgia
Phipps, Michael	Tennessee
Pierce, William	Indiana
Polly, Richard	Virginia
Powers, Marvin	Virginia
Presley, Charles	Tennessee
Price, James	Florida
Propst, Brenton	Maryland

Student Directory

<i>Name</i>	<i>Home State</i>
Pugh, David	Indiana
Purcell, Charla	Indiana
Randolph, Noel, II	Kentucky
Reid, Linda	New Jersey
Reynolds, Carol	Virginia
Richardson, Jerry	Virginia
Robb, Joyce	Indiana
Roberts, Beverly	Illinois
Ross, George	Ohio
Runyon, Thomas	Tennessee
Ryan, Richard	Tennessee
Samples, John	Tennessee
Scruggs, Ora Jane	Virginia
Smith, Nancy Anne	Illinois
Smith, Rebecca	North Carolina
Smithson, George	Tennessee
Stallard, Harley	Virginia
Starr, Mary Gail	Ohio
Steiner, Maurice	Indiana
Stephenson, Barbara	Illinois
Stokes, Joyce	Georgia
Summers, Robert	Virginia
Taylor, Jerry	Maryland
Terry, Wilson	Virginia
Thomas, Ida	Indiana
Thompson, William, Jr.	Illinois
Tindall, Molly	Indiana
Tinker, Richard	Florida
Tolley, Jacqueline	Maryland
Treadway, Judy	Tennessee
Tribble, Gerald	Tennessee
Wall, Harry	Virginia
Webster, John	Pennsylvania
Weitzel, Louis	Pennsylvania
Williams, Christopher	Tennessee
Wilson, Miriam	Tennessee
Wollard, Leroy	North Carolina
Young, David	New York
Young, James	Kentucky
Zavadsky, Carol	West Virginia

Juniors, 1965-66

Allen, Bertram, Jr.	Pennsylvania
Andrews, Jerry	Virginia
Armstrong, Katherine	Ohio
Arnold, Richard	Virginia
Black, Linda	Indiana
Boswell, Don	Indiana
Boulton, Michael	Indiana
Bowling, Larry	Tennessee
Brandon, Jeffrey	Ohio
Branscum, Vera	Indiana

Student Directory

<i>Name</i>	<i>Home State</i>
Brown, Judy	Tennessee
Bullis, Barbara	Maryland
Bullock, Connie	Virginia
Calton, Jack	Virginia
Callahan, Sharon	Indiana
Campbell, Patsy	Virginia
Carnes, Robert	Ohio
Caudill, Mack	North Carolina
Cerovac, Lee	Ohio
Clark, Thomas, Jr.	Tennessee
Cole, Eddie	Tennessee
Cooper, Doni	Virginia
Crafton, Thomas	Indiana
Croucher, Donnie	Indiana
Crowe, Terry	Tennessee
Daniels, Samuel	North Carolina
Davis, Brenda	Virginia
Doolan, Marilyn	Maryland
Dorman, Kathleen	Illinois
Elsea, Thomas	Tennessee
Estep, William	Virginia
Everroad, Richard	Indiana
Fish, Vivian	Indiana
Foster, Judy	Indiana
Frazer, Steven	Ohio
Fry, James	Ohio
Fulk, Richard	Indiana
Glide, Peter	New Jersey
Gordon, Thad	Indiana
Graf, Gretchen	Indiana
Gray, Gary	Oklahoma
Greene, Norma	Tennessee
Guion, Judith	Indiana
Haley, Wanda	Ohio
Hamilton, Dennis	Tennessee
Hamm, Barbara	Tennessee
Hansbury, Lynn	New Jersey
Harris, Betty	Virginia
Harrison, Gayle Sue	Maryland
Haven, Douglas	Ohio
Henning, Janet	New Jersey
Hessler, Leo, Jr.	Pennsylvania
Hilbert, Sharyn	Tennessee
Hilsenbeck, John	Florida
Hitchner, Harriet	Kentucky
Hodge, Judy	Tennessee
Honeycutt, Gene	Tennessee
Hood, Darryl	Indiana
Horning, Carol	Pennsylvania
Hull, William	Indiana
Jennett, James	Indiana
Johnson, Eileen	Ohio
Johnson, Rose Mary	Tennessee
Johnston, Richard	Ohio
Judd, Billy	Indiana
Keeran, Duane	Ohio

Student Directory

<i>Name</i>	<i>Home State</i>
Larson, Kathleen	Illinois
Larson, Roger	New Jersey
Leak, Janice	Indiana
Lewis, Kay	Maryland
Lewis, William	Ohio
Leinhard, Robert	Pennsylvania
Looney, Kermit	Virginia
Lowery, John	Tennessee
Lyon, Brenda	Maryland
Magill, Patricia	Indiana
Manley, Gregory	Indiana
Mathes, William	Tennessee
Mayer, Helen	Indiana
May, Judith	Kentucky
Mayfield, Joyce	Indiana
McBane, Linda	Ohio
McCann, Robert	New Jersey
McCullough, Kenneth	Washington
McGilvrey, Rachael	Illinois
McKay, Charles	Virginia
McMahan, Dennis	Indiana
Miner, Michael	Indiana
Moon, Jan	Georgia
Neff, Larry	Virginia
Norton, Dana	Virginia
Oakes, William	Tennessee
Oden, Durward	Florida
Orr, William	Virginia
Parke, Nancy	Ohio
Phillips, Diane	Canada
Porter, Carol	Indiana
Price, Robert	Virginia
Pulliam, Frank	Indiana
Quillen, Gary	Tennessee
Rawle, Richard	Maryland
Reddick, Dorothy	Georgia
Reeves, William	Indiana
Richardson, William, Jr.	Virginia
Richwine, Diane	Pennsylvania
Ritchie, Paul	West Virginia
Roth, Rex	Indiana
Sale, Jack, Jr.	Maryland
Sargent, Paul	Ohio
Schaff, Robert	Tennessee
Sharpe, Anna	Virginia
Sheets, Jerry	North Carolina
Shockley, Claude	Virginia
Skelton, Gene	Tennessee
Skidmore, Gary	Ohio
Smith, Michael	Indiana
Smith, Nancy Carolyn	Kentucky
Snodgrass, Sylvia	Tennessee
Southerland, Newlin	Maryland
Springman, Edward	Indiana
Spurling, Rita	Missouri
Stahl, Ellen	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Stanley, Charles	Tennessee
Steed, R. Stephen	Indiana
Steever, Norma	Maryland
Stevens, Jeffrey	Ohio
Sweeney, David	Tennessee
Taylor, Diana	Florida
Taylor, Dixie Van	Tennessee
Tietjen, Richard	Indiana
Walker, Margaret	Georgia
Walls, Russell	Maryland
Ware, Martha	Virginia
Warfield, Nancy	Michigan
Washler, Judith	Indiana
Webb, Karen	Tennessee
Webb, Jon	Tennessee
Whitright, Curt	Ohio
Williamson, Claude	North Carolina
Wilson, Judith	Ohio
Wilson, Oscar	Tennessee
Wollett, David, Jr.	Washington, D. C.
Yancy, William	Virginia

Sophomores, 1965-66

Addington, Sutro Kendal	Tennessee
Adkins, Steven Kent	Indiana
Anderson, Danny	Ohio
Arnette, Larry	Virginia
Atha, Sarah Lynn	Ohio
Atkinson, Garry James	Virginia
Baim, Sharon	Pennsylvania
Baker, Harold	Indiana
Ballingal, Amanda	Kentucky
Ballinger, Jon	New Jersey
Banks, Marilyn	Tennessee
Barnard, Richard	Virginia
Batton, Linda	Indiana
Black, Rebecca	Virginia
Blevins, Charles	Tennessee
Blevins, Ronald	Tennessee
Boatright, Michael	Tennessee
Bradford, Barbara	Indiana
Bray, Beverly Jean	Indiana
Bruner, James	Indiana
Burnell, Kathy	Indiana
Campbell, Margaret	Georgia
Carothers, John	Tennessee
Carpenter, Lawrence	Ohio
Chambers, Lynda	Tennessee
Clark, Carolyn	Kentucky
Clark, Thomas	Indiana
Cockerham, Dee Ann	North Carolina
Cook, Donald Richard	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Cord, James	Ohio
Cowley, Diann	Ohio
Craig, Robin	Indiana
Cross, Patricia	Tennessee
Daniel, Clinton	Georgia
Daniels, Sam Gibson	Tennessee
Davidson, Robert	Virginia
Davis, James	Indiana
Davis, Tom K.	Tennessee
DeZarn, Russell	Indiana
Dickson, Mary Ruth	Tennessee
Dobson, Charles	Indiana
East, Robert	Ohio
Ellis, John Edmund	Korea
Elsea, John	Tennessee
Ensor, James	Tennessee
Evans, Jane	Tennessee
Everhart, Dean	Ohio
Favreau, Phil	Illinois
Felton, Lorna	Michigan
Fink, Jimmy	Tennessee
Garrett, Julianna	Ohio
Gastineau, Daniel	Indiana
Gibson, Robert	Maryland
Glaze, Richard	Indiana
Goble, Larry	Kentucky
Goan, Edwin	Tennessee
Haase, Gerald	Illinois
Haase, John	Indiana
Hall, Gary	Tennessee
Hammond, Michael	Indiana
Hansbury, Irene	New Jersey
Harkey, Donna	Georgia
Harris, Larry	Virginia
Harris, Robert	Illinois
Henderson, Jack	Virginia
Hendrickson, Janet	Michigan
Hensley, James	Virginia
Hilton, James	Tennessee
Hoffman, David	Ohio
Hopson, Harry	Ohio
Hudkins, Martin	Indiana
Huff, Lawrence	Tennessee
Hughes, Alan	Indiana
Hyder, Michael	Tennessee
Hyder, Amelia	Tennessee
Ingle, Anthony	Virginia
James, Wandaleen	Virginia
Jeanes, Donald	Georgia
Johnson, Darryl	Virginia
Jones, Charles, Jr.	North Carolina
Jones, Tilda	Virginia
Jones, Medford II	Tennessee
Kardos, Ernest, Jr.	Ohio
Kashani, Manouchehr	Iran
Keene, Lauren	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Keilman, Joyce	Indiana
Kennedy, Linda	Tennessee
Kerrick, Charles	Connecticut
King, Robert	Maryland
Kleinjan, Sandy	California
Knowles, Lloyd	Ohio
Koerner, Gary	Illinois
Hughes, John	Indiana
Leeth, Martha	Ohio
LeFever, Hoyt	North Carolina
Lindenthal, David	New Jersey
Lockman, Jennifer	Indiana
McBride, Margene	Ohio
McDowell, Alice	Indiana
McKeowan, Valerie	Ohio
McKowen, Paul	California
McNew, Trigg, II	Tennessee
McFarland, Rebecca	Indiana
Mealing, Esther	Georgia
Merricks, Daniel	Virginia
Meyer, Paul, Jr.	Pennsylvania
Mikesell, Donald	Ohio
Miller, Warren, Jr.	Tennessee
Milligan, Harold, Jr.	Ohio
Mills, Dicey	Virginia
Mills, Samson	Virginia
Moore, Jacqueline	Virginia
Moore, Judith	Indiana
Moore, James	Kentucky
Morris, James	Georgia
Mottern, Sonnie	Tennessee
Mullen, Walter, Jr.	Virginia
Neese, Jo	Georgia
Nighbert, Alta	Indiana
O'Dell, Charles	Tennessee
O'Dell, Sammy	Tennessee
O'Dell, Etta	Tennessee
Ormandy, Becky	Indiana
Orr, Nancy	Virginia
Ottenburg, Cheryl	Illinois
Page, Jack	North Carolina
Peterson, Karen	Virginia
Phillips, Kent	Indiana
Phillips, Penalee	Ohio
Pippen, Richard, Jr.	Virginia
Pittinger, Curtis, Jr.	Virginia
Plummer, Jerry	Kentucky
Porter, Gary	Ohio
Prystay, Marie	Maryland
Ray, James	Ohio
Richtar, Donna	Indiana
Robinson, Stanley	Pennsylvania
Rogers, Gordon	Indiana
Roop, Carolyn	Virginia
Sale, Thadius	Maryland
Sams, Barbara	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Satterly, Eddie	Indiana
Scharfstein, Benjamin	Tennessee
Schooley, Sue	Ohio
Sellmer, Sue	Indiana
Shafer, Norman	Indiana
Shamma, Khaled	Lebanon
Sharpe, Timothy	Georgia
Shepherd, David	Tennessee
Shepherd, Eric	Ohio
Shields, Elizabeth	Tennessee
Shore, Gloria	Tennessee
Shore, Johnny	Tennessee
Simmonds, John	Indiana
Sipes, Dan	Illinois
Skidmore, Mary	Ohio
Smith, Betty	Tennessee
Smith, Donald	Kansas
Smith, Frederick, Jr.	Indiana
Smith, Nancy Coats	Tennessee
Smith, Roger	Ohio
Smith, Ronald	Tennessee
Smith, Michael	Georgia
Stalcup, Lowell	Tennessee
Stultz, Glenda	Indiana
Tague, Wilber	Indiana
Taylor, Richard	Tennessee
Tenney, Alice	Ohio
Tonti, Lari	Michigan
Underhill, Dale	Indiana
Van Rensselaer, Ruth	Virginia
Van Winkle, Sandra	Ohio
Walker, Kitty	North Carolina
Walker, Sheryl	Ohio
Wallace, Barry	Canada
Wallace, William	Kentucky
Walters, David	Ohio
Walters, Linda	Indiana
Walton, Michael	Indiana
Weaver, Cy	Virginia
Whitaker, Joe	Kentucky
Wigal, Thomas	Ohio
Wilson, Glenmore	Tennessee
Williamson, Richard	Illinois
Wilson, Carol	Pennsylvania
Wilson, Ellen	Ohio
Winsbarger, Myral	Tennessee
Wood, James	Ohio
Wood, Roger	North Carolina
Young, Stephen	New York

*Student Directory**Freshmen, 1965-66*

<i>Name</i>	<i>Home State</i>
Ahlgrim, Alan	Illinois
Akard, Charles	Virginia
Akers, Cassandra	Tennessee
Althoff, Paul	Ohio
Amy, Stephen	New Jersey
Anderson, Cynthia	Indiana
Anderson, Franklin	Pennsylvania
Archer, Jimmy	Tennessee
Ash, Ronald	Ohio
Atherton, Mary	Kansas
Barnes, Mary	Virginia
Barnes, Thomas	Virginia
Basnight, Martha	North Carolina
Bell, Gerald	Virginia
Bell, Sandra	North Carolina
Bennett, Amanda	North Carolina
Bennett, Gary	North Carolina
Bennett, Margaret	Pennsylvania
Bertland, Stuart	New York
Biddle, Joseph	Indiana
Bishop, Ann	Tennessee
Bittenbender, Bruce	Pennsylvania
Blackley, Robert	Virginia
Blackburn, Karen	Ohio
Blanchard, Susan	New York
Blazer, Marcia	Indiana
Boggs, James	Maryland
Bolejck, Karen	North Carolina
Bonge, Valerie	Maryland
Bonnell, Pete	California
Bowen, Jay	Virginia
Bowers, Michael	Montana
Boyer, Carole	Virginia
Bradley, Emmie	Virginia
Bradshaw, Patton	North Carolina
Branson, William	Indiana
Bray, Sherman	Tennessee
Brewer, Charles	Virginia
Brokaw, Terrill	Indiana
Brown, Larry	Idaho
Brown, Thomas	Pennsylvania
Beuttel, Jacqueline	Maryland
Bullock, Claudia	Virginia
Bundy, Mike	Tennessee
Burkhart, Sandy	Tennessee
Burrow, Larry	Tennessee
Byrd, Larry	North Carolina
Callahan, Dennis	Pennsylvania
Calloway, Brenda	Tennessee
Camm, Joanne	Tennessee
Campbell, Charles	Virginia
Cantrell, Phillip	Virginia
Carr, Janice	Tennessee

Student Directory

<i>Name</i>	<i>Home State</i>
Carr, Mitchell	Kansas
Carriger, Garald	North Carolina
Carroll, Jacqueline	Indiana
Carter, Brian	North Carolina
Carter, Raymond	Ohio
Cassiday, Ruth	Indiana
Christen, Paul	New Jersey
Cisne, William	Illinois
Click, Daryl	Tennessee
Clifton, Carol	Ohio
Coblentz, Charles	Ohio
Collingwood, Dennis	Ohio
Colvin, Gary	Ohio
Combs, Jarry	Tennessee
Comer, Jeanne	West Virginia
Comfort, William	Tennessee
Comis, James	New Jersey
Conner, Don	Indiana
Conway, Margaret	Tennessee
Corbin, Diane	Indiana
Cox, Larry	Indiana
Craft, Barbara	Ohio
Crockett, Nancy	Tennessee
Crosswhite, Carolyn	Tennessee
Cruff, Gary	Virginia
Cunningham, Ronald	Indiana
Dabney, Larry	Kentucky
Dalton, Ted	Virginia
Dance, Edward	Indiana
Daniel, Kirk	Georgia
Dargahi, Farzaneh	Iran
Denit, Pamela	Virginia
Diane, Helen	Florida
Edwards, John	Virginia
Edwards, Ronald	Virginia
Eggers, Brenda	Tennessee
Elkins, Sharon	Kentucky
Ellington, Ronald	Illinois
Erechul, Michael	Ohio
Evans, Linda	Virginia
Everhart, Deborah	Tennessee
Falconer, Donald	New Jersey
Farrance, Anthony	Delaware
Fife, Earl	Maryland
Fife, Trudy	Maryland
Wife, Wayne	Tennessee
Finney, Alice	Ohio
Fort, Claudia	Ohio
Fox, Joyce	North Carolina
Franklin, Donnie	Virginia
Fulmer, William	Virginia
Funk, John	Virginia
Furman, Betty	Virginia
Galyon, Edward	Tennessee
Geiger, Kathleen	Virginia
Geistweite, Betty	Ohio

Student Directory

<i>Name</i>	<i>Home State</i>
Gideon, Frances	Georgia
Gilman, Jack	New York
Glide, David	New Jersey
Gordon, Richard	Ohio
Gray, Linda	Ohio
Greene, Jerry	Tennessee
Griffith, Margaret	North Carolina
Griffith, Patsy	Tennessee
Grunder, Christina	Ohio
Guthridge, Jerry	Indiana
Haden, Betty Jo	Kentucky
Hall, Ronnie	Tennessee
Ham, Lawrence	Virginia
Hammel, Melvin	Indiana
Hammond, Ronald	Virginia
Hancock, Judy	California
Hardy, Jesse	Virginia
Hare, Frank	Pennsylvania
Harmon, Margaret	North Carolina
Harr, Russell	Tennessee
Harkleroad, Jerry	Tennessee
Harris, David	North Carolina
Hart, Jerry	Tennessee
Hart, Kenneth	New Jersey
Heiser, Sharon	Pennsylvania
Hendrickson, Dan	Florida
Henze, Elaine	Pennsylvania
Herman, Nancy	Florida
Hewitt, Gloria	Ohio
Hightower, Hugh	Tennessee
Hocking, Betty	Illinois
Hottinger, Gary	Maryland
Howell, Rick	Pennsylvania
Huddleston, Mark	Indiana
Huddleston, William	Arizona
Huff, Larry	Virginia
Hughes, Michael	Tennessee
Hughes, Shirley	Ohio
Hurst, Betty	Tennessee
Ison, Forrest	Indiana
James, Reba	Florida
Johnson, Cecil	Tennessee
Johnson, Meleta	Puerto Rico
Johnson, Nancy	Georgia
Johnson, Patricia	Indiana
Johnson, Terry	Ohio
Johnson, William	Virginia
Jones, Cathy	Indiana
Kans, Jeffrey	Maryland
Kerns, Patti	North Carolina
Kerr, Milton	Massachusetts
Kidd, Thomas	Virginia
Kiger, Charles	North Carolina
Kilgore, Michael	Virginia
Kim, Yoo Keun	Indiana
King, Dennis	Michigan

Student Directory

<i>Name</i>	<i>Home State</i>
Kirn, Jacob	Ohio
Kleinjan, Billie	Illinois
Knowles, Jack	Ohio
Knoy, Dana	Indiana
Kuhn, Loretta	Indiana
Lance, Joseph	Missouri
Lanzer, Timothy	Ohio
Lawson, Nancelee	Ohio
Libbee, Michael	Ohio
Limerick, Barbara	Maryland
Lippard, John	Indiana
Liston, Kenneth	West Virginia
Locke, Danny	Kansas
Lowe, James	Tennessee
Lowe, Robert	Tennessee
Lowell, David	Ohio
Luttrell, Marcella	Indiana
Luttrell, Ronald	Indiana
Magness, James	Maryland
MaKuch, Paul	New Jersey
Marrs, Linda	Virginia
Martin, Jerry	North Carolina
Martin, Roger	Virginia
Martinette, Pamela	Pennsylvania
Mathis, Stephen	Pennsylvania
Maxey, Robert	Ohio
Mayfield, Vance	Indiana
McDaniel, Charles	Indiana
McDavid, Priscilla	Virginia
McGary, Jerry	Indiana
McIlwain, James	New Jersey
McIntyre, Johnny	Indiana
McKinney, Lala	Tennessee
McKinney, Malcolm	Tennessee
McNett, Drinda	Ohio
McRoberts, Carolyn	Indiana
McSwain, Gary	Ohio
Merryman, John	Maryland
Michajlizenko, Nina	New Jersey
Miller, Karen	Indiana
Miller, Mark	Florida
Miller, Nancy	Ohio
Milstead, Rawley	Virginia
Miner, Carolyn	Virginia
Minx, Janie	Ohio
Mitchell, Susan	Florida
Molehan, Paul	Ohio
Mood, Karen	Indiana
Moody, Gracie	North Carolina
Mooney, Paul	Ohio
Moore, Nina	Kentucky
Moore, Ruby	Indiana
Moore, Wayne	Virginia
Morley, David	Indiana
Morrell, Linda	Tennessee
Moseley, Pamela	Georgia

Student Directory

<i>Name</i>	<i>Home State</i>
Morris, James B.	North Carolina
Mottern, Robert	Tennessee
Muthler, Ortha	Pennsylvania
Neal, William	Tennessee
Newport, Eddie	Tennessee
Neice, Donald	New Jersey
Neth, John	Tennessee
Noe, Minor	Florida
Norris, Dianne	Indiana
Norris, Rebecca	Indiana
Nunnally, Katrina	Georgia
Nunnery, Diana	Indiana
Oliver, Lynn	Tennessee
Ollis, Linda	Tennessee
Patton, Linda	Virginia
Penbleton, Jo Ann	Indiana
Perry, Susan	Indiana
Perry, Joyce	Indiana
Phillips, Patricia	Indiana
Phillips, Stanley	Tennessee
Phillips, Stephens	Indiana
Pittman, Mary Alice	North Carolina
Poe, Janet	California
Pompi, Kenneth	Florida
Powers, John	Indiana
Presley, Roger	Virginia
Pugh, Marilyn	Indiana
Quilling, Jack	Indiana
Quinn, George	Georgia
Rakes, Thomas	Virginia
Randolph, William	Kentucky
Redkey, James	Ohio
Reed, William	Virginia
Respass, Mike	Georgia
Richardson, Joan	Virginia
Richardson, Priscilla	Virginia
Richardson, Sharon	Michigan
Ritsch, Martin	Ohio
Roberts, David	Kentucky
Roberts, Paul	Illinois
Robinson, Don	Tennessee
Robinson, William	Kentucky
Rogers, Blaine	Pennsylvania
Rogers, Catherine	Indiana
Rogers, Judy	Virginia
Rogers, Lesley	Ohio
Ross, Lowell	Ohio
Roupp, Christine	Pennsylvania
Rowan, Richard	Pennsylvania
Runyon, Thomas	Tennessee
Schaefer, Thomas	Ohio
Schell, Charles	Pennsylvania
Schoales, Gary	New York
Schuler, Greg	Michigan
Schuler, Paul	Indiana
Scott, Jo Ann	Illinois

Student Directory

<i>Name</i>	<i>Home State</i>
Scott, Lon	Virginia
Searcy, Nancy	Kentucky
Seavey, Mary	Kansas
Seegers, William	Indiana
Sells, George	North Carolina
Sensibaugh, Sybil	Ohio
Sharp, Janes	Indiana
Sherrod, Rebecca	Tennessee
Schockney, David	Indiana
Shotwell, Mary	Ohio
Shutt, Bernard	Virginia
Simpkins, Patricia	West Virginia
Sinclair, William	New Jersey
Sivak, Ellen	Ohio
Skeen, Donald	Virginia
Smith, Jacquelyn	Illinois
Smith, James	Ohio
Smith, Rebecca	Indiana
Smith, Sandra	Indiana
Smith, Timothy	Virginia
Smith, William	Ohio
Southerland, Angelyn	Maryland
Sparks, Ralph	North Carolina
St. Pierre, Michael	Indiana
Stallard, Robert	Virginia
Staples, William	Indiana
Stevens, Larry	Tennessee
Storey, Edward	Ohio
Strickler, Sharon	Colorado
Styons, David	North Carolina
Tay, Chong Pin	Malaysia
Theobald, Douglas	Indiana
Thing, Peter	New Jersey
Thomas, John	California
Thompson, Danny	Indiana
Thompson, Johnna	Maryland
Tilley, Thomas	Virginia
Toci, Randolph	New Jersey
Todl, Alan	Ohio
Tolley, David	Maryland
Toms, William	Pennsylvania
Tor, Sadun	Maryland
Tucker, Matthew	Tennessee
Tuell, Betty	Virginia
Turner, Linda	Georgia
Van Der Meulen, Sue	Indiana
Vandlik, Myrna	Ohio
Varner, David	Ohio
Vines, Ray	Tennessee
Vining, Vickie	Florida
Wall, Thomas	Indiana
Walls, Gerald	Ohio
Walls, Joyce	Maryland
Walker, William	Georgia
Ward, Lyn	New York
Ward, William	Virginia

Student Directory

<i>Name</i>	<i>Home State</i>
Waugh, David	Virginia
Welch, Sharon	Ohio
Wells, Polly	California
White, Brice	Delaware
Whitehead, Christopher	Virginia
Widener, Sandra	North Carolina
Wilhoit, Betty	Tennessee
Williams, Christine	California
Williams, Ernest	Indiana
Williams, Robert	Tennessee
Willocks, William	Tennessee
Wilson, Beverly	Indiana
Wilson, Charles	Ohio
Wilson, William	Pennsylvania
Wingard, Christian	Ohio
Worl, Karen	Indiana
Worrell, Charles	Tennessee
Worrell, Bill	Tennessee
Wratten, Janet	Indiana
Wright, Rhonda	Tennessee
Wymore, Katherine	Ohio
Young, Martin	Indiana
Young, Robert	Kentucky
Young, Melinda	Tennessee
Zollman, Donna	Indiana

Special Students

Arnold, Danny	Virginia
Banks, John H.	Tennessee
Berry, Bobby	Tennessee
Blankenship, Nancy	Tennessee
Cantwell, Cameron	Virginia
Drozdz, Wendy	Florida
Fair, Bill	Tennessee
Fairbanks, Velda	Tennessee
Graybeal, Robert	Tennessee
Hardin, James	Ohio
Helsabeck, Eleanor	Tennessee
Houts, Kenneth	Tennessee
Hughes, Robert	Tennessee
Ledford, Kenneth	Tennessee
Martin, Leon	Virginia
Moretz, Paul	Tennessee
Munden, James	Tennessee
Neth, Margaret	Tennessee
Ratliff, Kathy	Virginia
Sheets, Troy	Virginia
Wetzel, Bonnie Jo	Tennessee

CALENDAR

Summer 1966

June 6—July 8	Summer School (First Term)
July 11—August 12	Summer School (Second Term)
August 15-19	School of the Ministry

Special Events 1966-67

September 16	Matriculation Ceremony
September 18	Fall Convocation
October 20-22	Fall Meeting of the Board
November 25	Founders' Day
March 30-31	Spring Meeting of the Board
May 13	May Day
May 19	Annual Awards Day Dinner

Student Directory

September 5, 6, 7	Faculty Conference
September 10-11	Dorms Open to All New Students
September 12	Freshmen and Transfer Reception
September 12-13	Freshmen Orientation
September 13	Dorms Open to Upperclassmen
September 14, 15	Registration
September 16	Classes Begin
October 27, Noon—November 1, 8:00 a.m.	Fall Recess
December 16, After Last Class— January 4, 8:00 a.m.	Christmas Holidays
January 20-27	Final Examinations
January 30	Classes Begin
March 23, Noon—March 30, 8:00 a.m.	Spring Holidays
April 12	Annie Lucas Kennedy Reading Contest
May 26—June 3	Final Examinations
June 4	Baccalaureate
June 5	Commencement

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MILLIGAN COLLEGE

MILLIGAN COLLEGE, TENNESSEE

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THE CENTENNIAL YEAR

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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 Secondary Schools.

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 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.

Milligan College has participated in the many programs of financial assistance to veterans. The current program includes assistance to War Orphans (Public Law 634 of the 84th Congress) and assistance to veterans who have served on active duty for a period of 181 days or more after January 31, 1955 (the Veterans' Readjustment Benefits Act of 1966).

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

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THE NATURE OF THE COLLEGE

HERITAGE

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self government prior to the Declaration of Independence. In the vicinity of Milligan College American troops assembled for the march to King's Mountain. The campus is located at the head of the Happy Valley Plantation. Toward the west are the homes of John Sevier and John Tipton. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus.

The present campus of Milligan College occupies the site on which freedom-loving people established a school in the third decade of the nineteenth century. This school was conducted in the old Buffalo log church.

In December, 1866, under the leadership of Wilson G. Barker, the Buffalo Male and Female Institute was chartered by the state of Tennessee.

Josephus Hopwood became head of this academy in 1875. The academy possessed at that time an acre of ground and a two-story brick building with a room on each floor.

In 1881, President Hopwood laid the cornerstone for a new brick 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 in honor of Professor Robert Milligan of Kentucky University (Transylvania); President Hopwood regarded Professor Milligan as the embodiment of Christian scholarship and 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

Heritage

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."

Following the resignation of President Hopwood in 1903, Henry Garrett, Dr. Frederick D. Kershner, Tyler E. Utterback, Everett W. McDiarmid, and Dr. James T. McKissick carried the College through the difficult period up to the First World War. The campus expanded. The principle was firmly established that only a faculty frankly committed to the principles of Christian education were qualified to undertake the aims for which the College had been established.

In 1913 George W. Hardin, a member of the Board of Trustees, built the dormitory bearing his name. The following year, Josephus Hopwood was recalled for another term of two years as president. In 1915 the College suffered the loss by fire of the men's dormitory, Mee Hall.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan College. The following spring the administration building burned. President Derthick succeeded in replacing the old building with the present structure. He enlisted the interest of Mr. and Mrs. Calvin Pardee, who built the women's dormitory which bears their name. He secured the interest of Joel Cheek, proprietor of the Maxwell House at Nashville, to build the Cheek Activity Building. The campus was enlarged to some eighty acres. President and Mrs. Derthick served uniquely in preserving through all this activity the academic and spiritual insight of the founders. The integrity of a graduate of Milligan College came to be taken for granted. During the twenty-three years of service of President and Mrs. Derthick, the College made notable

contribution to the culture of the Southern Highlands. This contribution was made possible by the support of many patrons living at a considerable distance from 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 President 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 transition from military to civilian competencies. With patience and insight Milligan College reaffirmed the educational purposes of her tradition.

Dr. Dean E. Walker became president in January, 1950. 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. A Student Union Building, erected largely through volunteer labor and fund solicitation by the students, was added to the campus in the fall of 1953. A financial program was undertaken to stabilize the College. The endowment was increased by more than thirty-five percent. A bequest by W. T. Anglin, an alumnus of Holdenville, Oklahoma, and contributions from the alumni and trustees accounted for this growth. By mid-1960 substantial results had been achieved. The endowment was increased to above three times its value ten years previously. Through the foresight and generosity of Mrs. Nanye Bishop Sutton of Radford, Virginia, a new women's dormitory, Sutton Memorial Hall, was dedicated in the fall of 1956. The Crouch Memorial Building, a renovated building at the entrance of the campus, was dedicated in memory of W. P. Crouch, father of Dr. Owen Crouch. Webb Memorial

Heritage

Hall, the men's dormitory named for Webb Sutton, was completed in January, 1960. During the summer and fall of 1960 Pardee Hall was completely renovated as a dormitory for women. Friends of the College, mostly in Johnson City and the local area, funded the long standing debt of the College in the fall of 1960. The P. H. Welshimer Memorial Library was dedicated November 24, 1961. It 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.

A new air-conditioned dormitory for 188 women was completed in September, 1965.

The W. R. Walker Memorial Chapel is under construction and will be ready for occupancy in September, 1967.

During the past decade, measures have been taken toward revision of the curriculum and toward improvement of teaching and learning, with a view to move more effectively toward quality education. 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 Secondary Schools.

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 the 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 fellow men.

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 distinguished 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

Character

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 conception 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?" That is, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses to itself 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 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 four

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 fellow-men, 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

Specific Objectives

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, inter-collegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

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 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 Council for Academic Life, whose responsibility it is to determine curricula and 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

Bible

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.

A major in Bible shall consist of thirty-four semester hours including the following: Bible 123-124. 201-202 or 301-302; Religious Education 261 or 375-376; and History 341-342 and 431-432.

A minor shall consist of eighteen hours to be arranged.

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.

301-302—THE PROPHETS—A careful egetical 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.

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. Alternate years. Three semester hours.

202—THE BOOK OF ACTS—A study of Acts with emphasis upon the establishment and extension of the Church. Alternate years. 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.

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

471—BIBLICAL SYNTHESIS—A study of the major concepts found in the Old Testament from a historical and linguistic perspective. Required of all seniors. Two semester hours.

472—BIBLICAL SYNTHESIS—A study of the major concepts found in the New Testament from a historical and linguistic perspective. Required of all seniors. Two semester hours.

CHRISTIAN MINISTRIES:

270—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.

477—CHURCH ADMINISTRATION—An examination of the organizational, promotional, stewardship, evangelistic

Bible

and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Three semester hours.

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 education workers in local churches. With certification, the program is ideal for Christian day school teachers, missionary educators, etc.

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. Two semester hours.

304—CHRISTIAN EDUCATION OF CHILDREN — A study of the development, capacities and training of the child from birth to adolescence. Emphasis is placed on the additional opportunities for teaching children such as Daily Vacation Bible School, Graded Worship, and Expressional Groups. Three semester hours.

305—CHRISTIAN EDUCATION OF YOUTH—The study of the psychological and physiological development of the youth with emphasis given to his Christian education. Special studies of youth materials and programs, including the summer camp programs, will be made. 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; for after all, 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 can be taken in the fields of English, philosophy, psychology and music. A minor can be taken in French, Greek, Spanish, German and 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. Two semester hours.

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Studio problems based upon individual student's experience and skill. Two semester hours.

211A—CRAFTS — Projects suitable for use in classroom, vacation school, playground, summer camp, and scout and church recreation programs for elementary school age children. Two semester hours.

211B—CRAFTS—Craft study emphasizing design and expression through creative problems. Two semester hours.

English

212—LETTERING—Forming and shaping letters and use of pens, brushes, and drawing instruments. Problems in lettering arrangement include signs and posters. Two semester hours.

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint the elementary education student with objectives, materials, and methods for elementary school art program. Laboratory experiences, reading, and discussion. Three semester hours.

320—ART APPRECIATION — An introduction to sculpture, architecture, painting, and the minor arts. Three semester hours.

420—ART HISTORY: PREHISTORIC THROUGH RENAISSANCE—A survey of sculpture, architecture, painting, and the minor arts. Three semester hours.

421—ART HISTORY: 17th CENTURY THROUGH CONTEMPORARY — Continuation of 420. Prerequisite: Art 420. Three semester hours.

English

The aims of the field of English are to teach the student to hear and write clearly and effectively, to read with appreciation and enjoyment, to acquire a knowledge of the major literary work in English, and to construct intelligent standards for the critical evaluation of literature and the recognition of main trends.

The major in English consists of thirty semester hours which must include English 201-202, 304-305, 311 and 461 or 462. The remaining twelve hours are elective, six of which must be on the senior level. The other six hours may be on either the junior or senior level.

The minor consists of English 201-202, 304-305, and twelve hours of electives on the junior or senior level.

English 111-112 is a prerequisite for all English courses, and does not count toward the English major or minor.

111-112—ENGLISH—A six hour course covering two semesters. Instruction and practice in the correct use of the English language as the basic tool of communication; grammar, vocabulary building, techniques of research, analytical reading for comprehension and appreciation, and the forms and skills of composition. Required of all freshmen.

201-202—SURVEY OF ENGLISH LITERATURE — A study of the life and literature of the English people with special attention to the writings of the major authors. Colateral reading in the English novel. Three semester hours.

301—THE ROMANTIC MOVEMENT IN POETRY — A study of the ideals and works of Gray, Thomson, Cowper, Blake, Burns, Wordsworth, Coleridge, Shelley, Byron, and Keats. Alternate years. Three semester hours.

302—VICTORIAN LITERATURE—A study of the social, scientific, literary, and religious ideals of the Victorian period as represented in Newman, Macaulay, Carlyle, Ruskin, Arnold, Huxley, and the poetry of Tennyson and Browning. Alternate years. Three semester hours.

304-305—SURVEY OF AMERICAN LITERATURE — A study of the life and literature of the American people with special attention to the writings of the major authors. Colateral reading in the American novel. Three semester hours.

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.

345—WORLD LITERATURE—Ancient classics to Renaissance. Reading and analysis of selected translations of literature from Homer to Dante. Three semester hours.

English

346—EUROPEAN LITERATURE — Renaissance to the present. Reading and analysis of selected translations of European literature from Cervantes 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. Not applicable toward a major or minor. Three semester hours.

355—LITERATURE AND PSYCHOLOGY—(See psychology 355).

361-362—THE NOVEL—A study of the history and development of the novel as a literary type with special emphasis on the British novel the first semester and the American novel the second semester. Alternate years. Three semester hours.

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

402—THE SHORT STORY—A study of the development of the short story, with some attention to creative writing. Three semester hours.

431—MILTON — A study of Paradise Lost, Paradise Regained, Samson Agonistes, and the lyrics. Collateral reading in Milton's prose works and other seventeenth century authors. Alternate years. Three semester hours.

432—SEVENTEENTH CENTURY LITERATURE — A study of the prose and poetry of the century, with emphasis on the works of Donne and Milton. Alternate years. Three semester hours.

433—THE EIGHTEENTH CENTURY — A study of the rise and decline of Neo-Classicism with an emphasis on the writings of Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

Speech

461—SHAKESPEARE—A study of Shakespeare's tragedies. Collateral reading of Shakespeare's contemporaries: Kyd, Marlowe, Johnson, Dekker, Heywood, and Webster. Three semester hours.

462—SHAKESPEARE—A study of a selected group of Shakespeare's histories and comedies. Attention also given to his sonnets. 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. Offered both semesters. One semester hour.

Speech

201-202—ELEMENTARY 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.

309-310—PLAY PRODUCTION—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. Prerequisite to participation in a play and leading to the award of a letter. 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.

A minor in language consists of eighteen semester hours in one language.

Foreign Language

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.

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.

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.

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.

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.

GERMAN

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.

GERMAN 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.

Foreign Language

GERMAN 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. Three semester hours.

GREEK

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.

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.

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.

LATIN

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

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

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

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.

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.

Music

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

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

Milligan College offers majors in Music Education and Church Music for the Bachelor of Arts degree. A minor may also be elected in music. When a student majors in music he is not required to select a minor. Because of the extensive requirements in majoring in music it is highly recommended that a student plan on this major from the beginning of his Freshman year, and consult with the chairman of the music area concerning his curriculum.

All students pursuing a curriculum in music will participate in the Ensemble program each semester with or without credit. For a complete description of this program consult the portion of the catalog dealing with Ensembles. It is also expected of all Music majors and minors that they attend all cultural events presented on the campus.

Each student will select a performance emphasis (applied major) and a secondary performance emphasis (applied minor) in the areas of piano, voice, or organ and will perform in a recital during their senior year. For a complete explanation of Applied music see that section of the catalog.

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 (Theory of Music) on the basis of an examination during orientation week. Three lectures per week. Three semester hours credit. No credit given toward a major or minor in music.

143-144—**THEORY OF MUSIC** — The elements of music notation. The structure of scales, intervals, triads, and chords. Development of the ability to sing at sight and write from dictation of melodies in all keys and meters. Beginning analysis of the Bach chorale style, and construction of cadential phrases in that style. Similar experience at the keyboard and in singing. Prerequisite: Passing grade on music theory entrance examination or completion of Fundamentals of Music (Music 108-109). Three lectures and two laboratory hours each week. Four semester hours credit.

243-244—**HARMONY** — Continuation of Music 143-144. Development of facility in the analysis and usage of diatonic and chromatic harmonies. Continued work in the analysis of the Bach style, with second semester work in the analysis of Mozart and Beethoven sonatas and the creation of a movement in sonata-allegro form. Prerequisite: Passing grade in Music 143-144. Three lectures and two laboratory hours each week. Four semester hours credit.

343—**COUNTERPOINT**—Basic principles of writing two, three, and four voice counterpoint, and their application in the smaller forms of composition. Prerequisite: Completion with passing grades both Music Theory (Music 143-144) and Harmony (Music 243-244). Three lectures per week. Three semester hours credit.

344—**ORCHESTRATION**—A study of instrumentation and of the principles governing the combination of musical sounds in ensemble. Prerequisite: Music 244. Three lectures per week. Three semester hours credit.

Music

441—FORM AND ANALYSIS—Review of the elements of music, with a study of the way they function in musical form and in different musical styles. Prerequisite: Music 244 or permission of instructor. Three lectures per week. Three semester hours credit.

490-491—SPECIAL STUDIES IN MUSIC THEORY—Advance studies in special areas of musical theory. The field of study chosen by the student and approved by the chairman of the music area and major professor. Prerequisite: Approval of major professor and music chairman. Credit: one—three semester hours each semester.

MUSIC LITERATURE AND HISTORY

281-282—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 lectures each week. Three semester hours credit.

381—INTRODUCTION TO MUSIC LITERATURE—Basic forms, types, and styles of music from Bach to the present. No prerequisite for music majors; prerequisite for nonmusic majors: Music 281-282 or consent of instructor. Three lectures each week. Three semester hours credit.

382—HISTORICAL SURVEY OF MUSIC LITERATURE—Major composers and their contributions to the literature of music from the sixteenth century to the present. Prerequisite: Music 381. Three lectures each week. Three semester hours credit.

481—HISTORY OF MUSIC IN WESTERN CIVILIZATION—The development of music and its relation to the general patterns of cultural evolution from the Middle Ages to approximately 1750. Prerequisite: Music 382. Three lectures each week. Three semester hours.

482—HISTORY OF MUSIC IN WESTERN CIVILIZATION—Continuation of Music 481. Covers the time in

Music History from approximately 1750 to the present. Prerequisite: Music 481. Three lectures each week. Three semester hours.

492-493—ADVANCE STUDIES IN MUSIC LITERATURE — Specialized studies in various areas of Music Literature, and History. Prerequisite: Music 482, senior standing and consent of instructor and chairman of music area.

- Section 1—Keyboard literature
- Section 2—Opera literature
- Section 3—Song literature
- Section 4—Twentieth-century literature
- Section 5—Biographical study of composers
- Section 6—Choral literature
- Section 7—Symphonic literature
- Section 8—Church Music literature
- Section 9—Chamber music literature
- Section 10—Study of periods and styles

CHURCH MUSIC

371—CHURCH MUSIC — A study of church music, its philosophy, functions and evolution. Three lectures per week. Three semester hours.

372—HYMNOLOGY—A survey of the hymn literature of the Protestant Christian Church, with consideration of literary, sociological, and religious forces affecting the creation of hymn poetry and hymn tunes. Three lectures per week. Three semester hours.

373—CHURCH CHOIR METHODS AND MATERIALS— A study of the various methods used in the development and training of today's church choir. Also a study of the various material available to the church choir. Three lectures per week. Three semester hours credit.

375—GRADED CHOIR METHODS AND MATERIALS— A survey of today's Graded Choir program, its beginning and development as well as the methods and materials used

Music

in directing and training a graded choir program. Three lectures each week. Three semester hours credit.

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. Three lectures each week. Three semester hours credit.

451—METHODS AND MATERIALS FOR ELEMENTARY SCHOOL MUSIC TEACHERS—Open only to music majors and minors with approval of instructor. Advance studies in the area of musical materials and methods for teaching music in the elementary school. Three lectures per week. Three semester hours credit. (Substitutes for Education 411 for music majors.)

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

453-454—SPECIAL STUDIES IN MUSIC EDUCATION— Advance research in fields of music education either elementary or secondary. Prerequisites: completion of methods and materials courses and approval of instructor. One—three semester hours credit.

CONDUCTING

363—BEGINNING CONDUCTING — The principles of basic patterns and their applications in training groups to sing and play. Three lectures per week. Three semester hours.

364—ADVANCED CONDUCTING—The principles of conducting and their application in conducting choirs, orches-

tras, and bands. Emphasis on score reading and interpretation. Three lectures each week. Three semester hours.

APPLIED MUSIC

Each student majoring in music must select one area of applied music for his major concentration (voice, piano or organ). He must complete eight (8) semester hours in this major area. The student must pass a sophomore barrier before admission to upper division work (Junior-Senior level work) and present a senior recital before graduation. The sophomore barrier, in the form of a jury, may require a student to do extra work because he has not reached the required level of proficiency before upper division work can be taken.

A student also must select from the remaining areas a minor concentration in which he must complete 4 semester hours, and pass a sophomore barrier. If a student does not select voice as a major or minor concentration he will be required to take voice class, but will not be required to pass a voice barrier.

Minors in music must also choose a major and minor concentration. However, they must complete only 4 hours in their major concentration and pass a sophomore barrier and complete only 2 hours in their minor concentration.

Advance standing can be attained through examination during or before the first semester in college. If advance standing is granted in either major or minor fields the total number of required hours in applied music is not reduced but can be taken in other applied areas. These changes must be approved by the chairman of the music area.

Part or full time lessons can be chosen. Part time meaning one lesson per week with five hours minimum practice each week. Full time meaning two lessons per week with a minimum of ten hours practice each week.

Music

Piano

Freshman Level:

110-111—Part time piano. One lesson each week with one hour credit.

120-121—Full time piano. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite — Completion of Freshman level work.

210-211—Part time piano. One lesson each week with one hour credit.

220-221—Full time piano. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level work and pass upper division level barrier.

310-311—Part time piano. One lesson each week with one hour credit.

320-321—Full time piano. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

410-411—Part time piano. One lesson each week with one hour credit.

420-421—Full time piano. Two lessons each week with two hours credit.

Organ

Freshman Level: Prerequisite—prior piano study.

112-113—Part time organ. One lesson each week with one hour credit.

122-123—Full time organ. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite—Completion of Freshman level work.

212-213—Part time organ. One lesson each week with one hour credit.

222-223—Full time organ. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level work and pass upper division level barrier.

312-313—Part time organ. One lesson each week with one hour credit.

322-323—Full time organ. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

412-413—Part time organ. One lesson each week with one hour credit.

422-423—Full time organ. Two lessons each week with two hours credit.

Voice

104-105—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. One semester hour credit.

Freshman Level: Prerequisite — prior training or voice class.

114-115—Part time voice. One lesson each week with one hour credit.

124-125—Full time voice. Two lessons each week with two hours credit.

Sophomore Level: Prerequisite—Freshman level work completed.

214-215—Part time voice. One lesson each week with one hour credit.

224-225—Full time voice. Two lessons each week with two hours credit.

Junior Level: Prerequisite—Completion of Sophomore level and pass upper division level barrier.

314-315—Part time voice. One lesson each week with one hour credit.

324-325—Full time voice. Two lessons each week with two hours credit.

Senior Level: Prerequisite — Completion of Junior level work.

Music

- 414-415—Part time voice. One lesson each week with one hour credit.
424-425—Full time voice. Two lessons each week with two hours credit.

Recitals

- 416—SENIOR PIANO RECITAL — Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.
417—SENIOR ORGAN RECITAL—Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.
418—SENIOR VOICE RECITAL — Prerequisite — Senior standing and must be taking Senior level work. One semester hour credit.

ENSEMBLES

The ensembles of the Music Area are considered music laboratory for all music majors and minors. Participation in these laboratory sessions are required each semester in college. Placement and number of ensembles allowed will be determined by the students ability as judged by the director.

- 131-132—Freshman Level
231-232—Sophomore Level
331-332—Junior Level
431-432—Senior Level

CHAPEL CHOIR (Section 1)—A large choir open to all students without tryout. This choir sings during the regular chapel hour on campus as well as participating in other musical activities. Repertore taken basically from the better church music of our churches. Two rehearsals each week.

MILLIGAN CHORALE (Section 2)—A select group of 6-1 students singing music from the great masters. This group sings both on and off campus and tours each year. Membership by tryout only. Open to all students. Three rehearsals each week.

Philosophy

MILLIGAN CONCERT CHOIR (Section 3) — A select group of 40 students based on competitive tryouts. This choir which annually tours is selected basically from the membership of the Chorale. Membership by tryout only. Five rehearsals each week.

MILLIGAN MODERN MADRIGALS (Section 4) — A group of 40 students based on competitive tryouts. This singing modern music from the repertoire of professional singing groups. Membership selected by competitive tryouts from the student body. Three rehearsals each week.

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 the twenty-four semester hours comprising:

	Semester	Hours
Philosophy 151		3
Philosophy 201		3
Philosophy 301-302		6
Philosophy 401		3
Additional Credit in Philosophy approved by the area committee		9

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

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.

Philosophy

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.

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—SEMINAR STUDIES IN PHILOSOPHY—A seminar for honor students designed to develop the ability to do independent research and writing. An examination of the philosophical background of the various areas of learning by a study of the classical literature in these areas. One to three semester hours.

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 a study integrally related to the humanities. There are at least three major facets of interest to the modern student. First, it is an established, scholarly discipline represented in the study and work of colleges and universities. Second, it is a young science of important standing—the science of human behavior. Third, it is a growing profession of approximately 25,000 men and women belonging to the American Psychological Association with over 60% having an earned doctorate.

The major in Psychology consists of a minimum of 24 semester hours. In addition to the Liberal Arts group requirements it is suggested that additional hours be selected from biology, humanities, mathematics, philosophy, physics, and sociology.

Required courses for the major in psychology are Psychology 151-52, General Psychology; 359, Statistics in Psychology and Education; 356, The Psychology of Abnormal Behavior; and 450, Experimental Psychology. With the exception of Experimental Psychology, these same courses are required for a minor in Psychology, which shall consist of a minimum of 18 semester hours. Psychology 151-52 is a prerequisite for all courses in psychology.

A student contemplating graduate work in psychology should take 30 semester hours of psychology, since some graduate schools require a minimum of 30 semester hours of psychology for admission.

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

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

Psychology

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 PERSONALITY ADJUSTMENT —A study of problems of personal adjustments with special references to behavior mechanisms. Related problems of theory and measurement of personality. 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.

354—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.

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. 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.

Psychology

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. 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 relevant problems in all areas of psychology and problems in involving communication with other disciplines. 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 Administration 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 as follows:

Business Administration and Economics

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Government 304	3
Economics 451	3
Business Administration or Economics Electives (junior and senior level)	12

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.

A student minoring in business administration and economics must complete eighteen semester hours as follows:

	Semester Hours
Business Administration 211-212	6
Economics 201-202	6
Electives (junior and senior level)	6

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.

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.

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. Three mechanics of layout, media, and copy writing are considered. Three semester hours.

Economics

308—OFFICE MANAGEMENT— A study of the planning and directing of the operation of business and professional offices. Emphasis is given to executive responsibilities and to the duties of office managers, secretaries, and supervisors. Consideration is also given to the selecting and training of office workers and to the selection and care of office equipment and supplies. 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. 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.

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.

Economics

For courses in economics see Area of Social 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

Secretarial Science

Teachers of secretarial science and secretaries have need

of a wide knowledge of general and cultural information, as well as of technical skills. For this reason, the secretarial science program in Milligan College includes both liberal arts courses and technical courses.

The secretarial science courses in Milligan College have a threefold purpose:

1. A major course in secretarial science enabling the student to teach secretarial science at the secondary level;
2. An intensive two-year secretarial program including the other subjects required by the College at the freshman and sophomore levels;
3. An elective field in which all students of the College may choose courses which will be helpful to them personally.

A major in secretarial science consists of thirty-one hours, including the following courses:

Secretarial Science	131	Secretarial Science	132
Secretarial Science	133	Secretarial Science	134
Secretarial Science	241	Secretarial Science	242
Secretarial Science	243	Secretarial Science	244
Secretarial Science	351	Secretarial Science	352
Secretarial Science	471	Secretarial Science	472

The secretarial science major must choose a minor subject which will be completed as a part of his elective courses.

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.

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.

Health—Physical Education

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.

243-244—ADVANCED SHORTHAND—Intensive practice in reading and writing for the development of speed and accuracy; advanced study in dictation and transcription; and study of secretarial procedures and practices. Three semester hours.

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.

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 for which Secretarial Science 241-242 and Secretarial Science 243-244 are prerequisites. Three semester hours.

Health and Physical Education

Milligan recognizes the need for physical and social as well as mental and spiritual development. Courses are provided to give training in the discipline of the body and leadership in recreation and in major and minor sports. In addition, the courses provide 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 majors should be active in several intramural sports.

Health—Physical Education

Uniforms—Students should not purchase class uniforms before coming to Milligan. However, each should have ample recreational clothing, including sweat clothing (men), gym-shoes, swim suit, (also a bathing cap for girls).

A major in Health and Physical Education consists of twenty-four semester hours including the following courses:

	Semester Hours
Health Education 250	3
Personal Hygiene 251	3
or	
Community and School Hygiene 254	3
Safety Education and First Aid 354	3
Folk Games and Other Rhythmic Activities 305	2
Tumbling, Stunts, and Conditioning for Girls 307	2
or	
Tumbling, Stunts, Pyramids 308	2
Adult Recreative Sports 312	2
Swimming and Water Safety 401	2
Administration of Health and Physical Education 404	3

All Health and Physical Education majors are required to include Biology 203-204 (Anatomy and Physiology) in their program.

In addition to the above health and physical education courses the following courses are required for certification in Tennessee.

	Semester Hours
Team Sports for Women 311 (for Women)	3
Coaching Major Sports for Men 313 (for Men)	3
Theory and Technique of Training and Conditioning 303 (for Men)	2
Physical Education for Public Schools 203	2
Adaptive Physical Education 306	2

100A-100B—PHYSICAL EDUCATION (MEN AND WOMEN)—That phase of physical education which meets the needs of the individual who, because of some physical inadequacy, functional defect capable of being improved through exercise, or other deficiency, is unable to take part in the regular physical education program. One semester hour.

101-102—PHYSICAL EDUCATION (MEN)—Prescribed participation in athletic skills and seasonal sports. Required of all freshmen. Meets twice a week. One semester hour.

Health—Physical Education

101-102—PHYSICAL EDUCATION (WOMEN) — Prescribed participation in team sports. Required of all freshmen. Meets twice a week. One semester hour.

106—WRESTLING — For beginning wrestlers. Various positions, holds, takedowns; technique and strategy; wrestling participation. This course may be substituted for 101-102. One semester hour.

200A-200B—PHYSICAL EDUCATION (MEN AND WOMEN)—Continuation of 100A and 100B. One semester hour.

201-202—PHYSICAL EDUCATION (MEN) — Individual sports emphasized. Required of all sophomores. Meets twice a week. One semester hour.

201-202—PHYSICAL EDUCATION (WOMEN)—Individual and recreational activity. Required of all sophomores. Meets twice a week. One semester hour.

203—PHYSICAL EDUCATION FOR THE PUBLIC SCHOOL—A course designed to prepare the teacher to direct games and playground activities in the public school. Includes mimetics, running games, story plays, stunts, etc. Offered annually. Two semester hours.

250—HEALTH EDUCATION—A survey course designed to impart knowledge of the principles of health education and health education practices. Emphasis is placed upon methods of instilling desirable attitudes and practices among public school children. Offered annually. Three semester hours.

251—PERSONAL HYGIENE—An analysis of the problems pertaining to individual health. Attention is given to the complex factors in personality and the application of scientific facts and principles to living. Alternate years. Odd. Three semester hours.

254—COMMUNITY AND SCHOOL HYGIENE—A general survey of the principles of sanitary science as they apply to food and water, sewage and garbage disposal, ventilation, housing, and other school and community problems. Alternate years. Even. Three semester hours.

303—THEORY AND TECHNIQUE OF TRAINING AND CONDITIONING (MEN)—Physiological aspects of training and conditioning. Methods of conditioning for various types of activities; treatment and care of injuries. Offered annually. Two semester hours.

305—FOLK GAMES AND OTHER RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps, and folk games of various countries. Opportunities are given for leadership experience under directed supervision. Alternate years. Odd. Two semester hours.

306—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped for all age levels. Attention is given to corrective procedures. Alternate years. Odd. Two semester hours.

307—TUMBLING, STUNTS, AND CONDITIONING FOR GIRLS—Instruction in tumbling, stunts, and conditioning with emphasis upon the development of total fitness of the individual. Alternate years. Odd. Two semester hours.

308—TUMBLING PYRAMIDS, AND STUNTS—Instruction in tumbling, brother acts, pyramid building, and stunts in line with the ability of the class. Material will be presented which may be used in elementary and secondary schools. Two semester hours.

311—TEAM SPORTS FOR WOMEN—Instruction in the fundamentals of such team sports as basketball, soccer, volleyball, field hockey, softball, and speed ball. Adaption is made to the high school education program. Alternate years. Even. Three semester hours.

312—ADULT RECREATIVE SPORTS—The teaching of sports activities suitable for adults. Alternate years. Odd. Two semester hours.

313—COACHING FOR MAJOR SPORTS—Football, basketball, track, and baseball. Techniques, formations, plays, and tactics are analyzed and evaluated. Officiating, important rules, and rule changes are studied. Three semester hours.

Health—Physical Education

354—SAFETY EDUCATION AND FIRST AID—Emergency treatment of injuries for practical home and school use. The course includes a survey of safety education materials and methods of accident prevention in the schools. Three semester hours.

401—SWIMMING AND WATER SAFETY—Methods of teaching the various strokes and dives. Water games, stunts, and swimming meets. Safety procedures and American Red Cross Life Saving Tests. Alternate years. Even. Two semester hours.

404—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program administration at junior and senior high school levels. Considered are such problems as personnel, organization, scope of activity, evaluation, finance, and equipment. Alternate years. Even. Three semester hours.

405—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—A study of the history, principles, and policies of physical education programs. An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Alternate years. Odd. Three semester hours.

408—APPLIED PHYSICAL EDUCATION—This course is designed to aid the physical education major in his preparation to do his directed teaching in the public schools through close association with the professor in conducting other physical education classes. The student will do research in physical education and complete a problem assigned or approved by the professor. The completed work will be filed with the department. Available each term, upon approval. Two semester hours.

409—RECREATION LEADERSHIP—The scope and significance of recreation. Emphasis is placed on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Alternate years. Even. 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 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 TRAINING
EDUCATION PROGRAM*

All students who desire to enter the teaching education program should make formal application to the teacher education program during the semester in which the student 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.

Education

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 per cent 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 in state throughout the nation.

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.

THE ELEMENTARY CURRICULUM

Bible

Course No.	Title	Hours
Bible 123-4	Old & New Testament Survey	6

Education

English

English 111-2	English Composition	6
English 201-2 or English 304-5 or English 345-6	Survey of English Literature	
English 354	Survey of American Literature	
Speech 201	Survey of World Literature	6
	Children's Literature	3
	Elementary Speech	3

Foreign Language

Foreign Language 211-2	Intermediate: Latin, German	
	French, Greek or Spanish	6

Health and Physical Education (Should total 12 hours)

Health and Physical 101-2, 201-2	Activity	4
Health and Physical Ed. 250 (Health and Physical Ed. 251, 254 or 354 may be substituted for	Health Education	3
Health and Physical Ed. 203	Health and Physical Ed. 250)	
Sociology 303	Physical Ed. for Public Schools	2
	Family	3

Mathematics

Mathematics 103-4	Fundamental Concepts	6
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Psychology

Psychology 151	Introduction to Psychology	3
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Social Sciences (choose 12 hours)

History 203-4	American History	
Economics 201-2	Principles of Economics	
History 113-4	History of Civilization	
Sociology 301	Sociological Theory	
Geography 103	World Geography	12

Music and Art

Music 351	Music in the Elementary School	3
Music 242 or Art 320	Music Appreciation or, Art Appreciation	3
Art 311	Art for Elementary Teachers	3

Science (choose 12 hours)

Chemistry 101-2	Inorganic Chemistry	
Biology 111-2	Gen. Botany & Zoology	
Physics 205-6	Physical Science Survey	12

Professional Education

Psychology 252	Development Psychology	4
Psychology 354	Educational Psychology	3
Education 337	History and Philosophy of Education	3
Education 411-A	Teaching of Reading	3
*Education 412	M & M of Elementary Teaching	3
Education 421	Directed Teaching	8
*Teaching of Reading may be substituted for Education 411.		

ELEMENTARY MAJORS

The elementary education student will take an academic major in addition to the general and professional course requirements in Education. These majors are designed to be especially functional for the student who plans to do modern team teaching.

Education

ELEMENTARY EDUCATION MAJORS

English

English 345-6	World Literature
English 381	Linguistics
English 354	Children's Literature
English 308	Modern Poetry
Six additional hours of literature.	

History

History 113-4	History of Civilization
History 203-4	American History
Twelve hours to be selected from:	
History 303-4	History of American Diplomacy
History 313	Problems in Contemporary Civilization
History 331-2	History of England
History 361	History of Russia
History 362	History of the Near East
History 363	History of the Far East
History 371-2	Latin American History
History 401-2	Intellectual History of the Western World

Foreign Language

Eighteen hours of German, French or Spanish.

Bible

Bible 123-4	Old & New Testament Survey
Bible 201	The Life of Christ
Bible 202	The Book of Acts
Bible 301-2	Prophets
History 341-2	Church History

Christian Education

Christian Education 261	Introduction to Christian Education
Christian Education 304	Christian Education for Children
Christian Education 305	Christian Education of Youth
Christian Education 306 (choose 18 hours)	Christian Education of Adults
Bible 201	Life of Christ
Bible 202	Acts
Bible 301-2	Prophets
Bible 313-4	Epistles
Bible 411-2	Paul's Doctrinal Epistles
History 341-2	Church History
Philosophy 101-2	Introduction to Philosophy

Mathematics

Mathematics 103-4	Fundamental Concepts
Mathematics 111	Algebra and Trigonometry
Mathematics 215	Geometry
Mathematics 307	Linear Algebra
Mathematics 308	Abstract Algebra

Psychology

Psychology 151	Introduction to Psychology
Psychology 152	General Psychology
Psychology 252	Developmental Psychology
Psychology 250	Social Psychology

Education

Psychology 354	Educational Psychology
Psychology 356	Psychology of Personality Adjustment
Psychology 454	Introduction to Testing
Psychology 355 or	Literature and Psychology
Psychology 450	Psychology of Abnormal Behavior

THE SECONDARY CURRICULUM

English

Course No.	Title	Hours
English 111-2	English Composition	6
English 201-2 or	Survey of English Literature	
English 304-5 or	Survey of American Literature	
English 345-6	Survey of World Literature	6

Music and Art

Music 242 or	Music Appreciation	
Art 320	Art Appreciation	3

Science (choose 8 hours)

Chemistry 101-2 or	Inorganic Chemistry	
Biology 111-2	Gen. Botany & Zoology	8

Health and Physical Education (Should total 6 hours)

Health and Physical Ed. 101-2; 201-2	Activity	4
Health and Physical Ed. 250 (Physical Ed. 251, Physical Ed. 254 or Physical Ed. 354 can be substituted.)	Health Education	3
Sociology 303	Family	3

Social Science (choose 12 hours)

History 113-4	History of Civilization	
History 203-4	American History	
Economics 201-2	Principles of Economics	
Sociology 301	Sociological Theory	12

Mathematics

Math 111-2 or Math 105-6	Algebra & Trigonometry	
	Finite Mathematics	5 or 6

Psychology

Psychology 151	Introduction to Psychology	3
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Bible

Bible 123-4	Old & New Testament Survey	6
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Foreign Language

Language 211-2	Intermediate: Latin, Greek, French, or Spanish	6
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Professional Education

Psychology 252	Developmental Psychology	4
Psychology 354	Education Psychology	3
Education 337	History and Philosophy of Education	3
*Education 471	M & M of Secondary Education	3
Education 472	M & M of Secondary Education	3
Education 481	Student Teaching	8

(Education 471 may be a methods course in a specific discipline such as Teaching of English, Teaching of Music in the Secondary School, etc.)

Education

MAJORS AND MINORS

Secondary majors and minors should be chosen from the following disciplines: Bible, Biology, Business Administration, Chemistry, English, Foreign Languages, Health and Physical Education, History, Mathematics, Music, Secretarial Science, Social Studies.

252—DEVELOPMENTAL PSYCHOLOGY—See Psychology 252.

354—EDUCATIONAL PSYCHOLOGY — See Psychology 354.

337—HISTORY AND PHILOSOPHY OF EDUCATION—A survey of the development of education from ancient Greek times to the present. Three semester hours.

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

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.

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.

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.

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. Four 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.

GUIDANCE COUNSELING

Students wishing to certify as guidance counselors in secondary schools can do so by taking eighteen hours of work in the guidance and counseling field. Before permanent certification can be completed the student will have to complete two or three years of successful teaching.

301—HISTORY AND PHILOSOPHY OF GUIDANCE—To acquaint the student with the philosophical bases upon which a guidance program is built. Three semester hours.

302—ORGANIZATION AND ADMINISTRATION OF GUIDANCE PROGRAMS—Responsibilities of administrators, teachers, and counselors in the guidance program. Three semester hours.

361—PRINCIPLES OF GUIDANCE—Attention is given to the factors necessary for effective guidance as an integral part of the total school program. 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.

Education

490—PROBLEMS IN PERSONNEL AND GUIDANCE—
This is an independent study plan for students planning graduate work. The student will define a problem and work under a faculty member. One to three 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 premedical, pre dental, and other prebiological disciplines.

The requirements for the bachelor of arts degree in biology consists twenty-four semester hours, which must include Biology 101, 102, 104, 403; twelve hours of chemistry, including Chemistry 301; and Mathematics 111 and 112. A chemistry minor is suggested.

For a bachelor of science degree, the requirements are thirty-two semester hours of biology, including Biology 101, 102, 104, 201, 202, 403; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112; and Physics 201 and 202. Completion of the intermediate year of a foreign language, preferably German or French, required.

Biology

101—GENERAL ZOOLOGY—A study of fundamental biological concepts, including cells and cellular activities, reproduction, and organization of the animal body. Considerable reference is made to human biology. Three hours lecture, one three-hour laboratory period. Offered annually. Biology 102 or 104 may follow this course in order to complete eight hours biological science. Four semester hours.

102—PLANT BIOLOGY—A study of the plant kingdom, with emphasis upon the performance of functions essential to maintenance of the individual and of the race. Unity of life is stressed throughout, with frequent reference of principles and functions to human life. Prerequisite: Biology 111. Three hours lecture, one three-hour laboratory period. Offered annually. This course may follow Biology 101 to complete eight hours biological science. Four semester hours.

104—GENERAL ZOOLOGY—A consideration of selected animal phyla, with stress upon performance of essential functions and the structures by which they are performed, relationships within and between animal groups, and the application of biological principles to the human body. Laboratories are both structural and functional in approach and are designed to develop skill in dissection. Prerequisite: Biology 111. Three hours lecture, one three-hour laboratory period. Offered annually. This course may follow Biology 101 to complete eight hours biological science. Four semester hours.

201—INVERTEBRATE ZOOLOGY—Attention in this study is given to the different invertebrate groups as to their structure, physiology, names, geographical distribution, natural history, phylogeny, and importance to man. The laboratory will largely be devoted to the morphology and physiology of selected types of invertebrates. Prerequisite: Biology 101, 104. Two lectures and two laboratory periods. Offered annually. Four semester hours.

202—VERTEBRATE ZOOLOGY—This study is to present the basic principles and theories, relating to distribution, specialization and behavior of the vertebrates with a laboratory emphasis upon the morphology of representative verte-

brate forms. Prerequisite: Biology 101, 104. Two lectures and two laboratory periods. Offered annually. Four semester hours.

203-204—ANATOMY AND PHYSIOLOGY—A study of the bones, muscles, and other organ systems in relation to physical development. Designed especially for the general student and those interested in Physical Education, not for pre-medical, pre-dental, or Biology majors. Three lectures and one laboratory period. Prerequisites: Biology 101, 104. Alternate years. Four semester hours.

205—SCIENCE FOR THE GRADES—This course is designed for elementary school teachers. It stresses science materials, conservation, health, and methods of preparing subject material. Not applicable toward a major or minor. Four semester hours.

303—MICROBIOLOGY—A basic course including the preparation of media, culture, methods, sterilization, isolation, staining, and identification of micro-organisms. Prerequisite: Biology 101-102. Two lecture and two laboratory periods. Alternate years. Four semester hours.

304—PARASITOLOGY—An introductory course consisting of a survey of the more common parasites of man. Includes life histories, incidences, morphology, classification, and control of parasitic helminths, protoza, and the more important vectors of parasites. Prerequisites: Biology 101, 104. Two lectures and two laboratory periods. Alternate years. Four semester hours.

309—GENERAL PHYSIOLOGY—A study of the basic principles of general physiology as related to the cell, tissues, organs, and organ systems in plants and animals with special emphasis upon physico-chemical aspects. Prerequisite: Biology 201, 202 and Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

311—ANIMAL HISTOLOGY—A study of the microscopic structure of various types of tissues found in vertebrates, with the theory and application of the various methods of

Biology

their preparation for examination. Prerequisites: Biology 202; Chemistry 101, 102. Two lectures and two laboratory periods. Four semester hours.

312—GENERAL ECOLOGY—A study of the relationship between organisms and their environment. Emphasis is given to adaptations which make possible essential plant and animal functions, to relationships between animals and plants, to population pressures, and to factors affecting plant and animal distribution. Prerequisites: Biology 102, 104; Chemistry 101, 102. Three lectures. Three semester hours.

401—TAXONOMY OF FLOWERING PLANTS—Collection and identification of wild flowers of Eastern Tennessee with instruction in herbarium methods. Prerequisite: Biology 111-112. One lecture and three laboratory periods. Four semester hours.

402—ELEMENTARY GENETICS—A study of generation to generation transmission of physical characteristics in plants and animals and the laws governing resemblances and differences in successive generations. Prerequisite: Biology 102, 104; Chemistry 301. Three lectures. Three semester hours.

403—COMPARATIVE VERTEBRATE ANATOMY — A systematic and comparative study of the principal systems of the vertebrates. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

404—VERTEBRATE EMBRYOLOGY—A study of the general principles of vertebrate development from the fertilized egg to the formation of tissues and organs. Prerequisite: Biology 202. Two lectures and two laboratory periods. 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 major in chemistry with a bachelor of arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The major in chemistry with a bachelor of science degree consists of thirty-two hours of chemistry including Chemistry 101-2, 201-2, 401-2. A minor in mathematics and the completion of the intermediate year of a language, preferably German or French, are required for both the bachelor of arts and bachelor of science degrees in chemistry.

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.

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.

Mathematics

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.

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.

A student has the right to petition for a proficiency examination in any mathematics course offered. An "A" or "B" on the examination allows the student to receive credit for the course with the grade made on his examination. He then may proceed to the next course.

103—FUNDAMENTALS OF MATHEMATICS I—A study of the nature of mathematics, sets and set algebra, deductive logic, the whole numbers, induction, operations—an axiomatic approach (offered to elementary education majors *only*). Three semester hours.

104—FUNDAMENTALS OF MATHEMATICS II—A study of the fractions, problem solving, mathematical sentences, and solutions sets, the integers, the rational numbers, geometry and the number, and mathematical patterns (open *only* to elementary education majors). Three semester hours.

105-106—FINITE MATHEMATICS—A two semester sequence in the study of logic, sets, Boolean algebra, permutations and combinations, probability, probability measure, matrices, determinants, and functions. (Note: This course will not count toward a 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: Ma. 110 or Ma. 111 and 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 differen-

Mathematics

tial functions, parametric equations and polar coordinates. (Prerequisite: Ma. 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: Ma. 212.) Three semester 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.

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 credit 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 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 honor's 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. The graduation requirement is for 5 hours of mathematics.

Physics Area of Social Learning

Physics

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.

301—THERMO-DYNAMICS — 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

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.

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.

Economics—Geography

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 institution 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 SYSTEM — 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.

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 adaption 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.

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. Prerequisites: 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—An intensive study of the United States Constitution as it has developed through the interpretation of the courts. Emphasis is given to current constitutional issues, such as equal protection of the laws, federal economic regulation, and First Amendment Freedoms. Prerequisite: Government 303. Alternate years. Three semester hours.

Sociology

301—SOCIOLOGICAL THEORY—A study of the nature of human society, its cultural patterns, moving forces, and institutional expressions. Three semester hours.

Sociology

303—THE FAMILY—A study of the social significance of the modern American family, viewed in the perspective of its cultural heritage. This course is open only to those who seek a teaching certificate; by these students this course may be substituted for Sociology 301 toward a major. 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, at least twelve of which must be on the junior and senior levels.

The courses numbered 115, 116, 203, 204, 215 and 216 constitute the basis for the major in history, and in most instances will comprise the minor.

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. Offered annually. 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. Offered annually. Not open to history majors and minors. Three semester hours.

115—ANCIENT HISTORY—A study of the development of western culture from its earliest manifestations to the end of the Roman Republic. The social, political, economic, and religious institutions of Egypt, the Near East, Greece, and Rome are examined with an effort to ascertain and appreciate their significance to the evolution of western culture. Special attention is given to the cultural synthesis which developed at the close of the period of Republican Rome. Offered annually. Three semester hours.

116—MEDIEVAL HISTORY—A study of the development of western culture from the beginning of the Roman Empire to the beginning of the Thirty Years War. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other casual factors involved in the Protestant Reformation. The beginnings of nationalism are noted, and attention is given to the beginnings of the types of economic, scientific, and political activity that provides the background for western culture today. Offered annually. Three semester hours.

203-204—AMERICAN HISTOPY—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. Offered annually. Three semester hours.

215—MODERN HISTORY—A study of the significant developments within western civilization during the period extending from the Protestant Reformation to the First World War. The scope of the study gradually enlarges until it involves a world view. Offered annually. Three semester hours.

216—CONTEMPORARY HISTORY—A study of the major events, ideas, and institutions which have played a major role in the world since the Second World War. Special attention is given to the continued growth of nationalism, efforts toward world organization, the scientific and technological changes, and the struggle between the democratic and the communistic nations. Offered annually. Three semester hours.

303-304—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

History

the Orient. Emphasis is placed upon recent developments. Prerequisite: History 203, 204. Offered in alternate years (even). Three semester hours.

313 — PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems in contemporary civilization, such as revolution, nationalism, and colonialism. Offered alternate years (odd). 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: History 113-114, or 115-116 as desired. Offered alternate years (odd). Two semester hours.

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 115-116 prerequisite. Three semester hours.

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 (odd). Three semester hours.

362—HISTORY OF THE NEAR EAST—A study of the development of the Near East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

363—HISTORY OF THE FAR EAST—A study of the development of the Far East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). 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 203-204. Offered as desired alternate years (odd). Two 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 (even). Two semester hours.

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

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.

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. Offered annually. Three semester hours.

445—HISTORICAL RESEARCH—Study in 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.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of four classifications—Trustees, 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 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 for their commitment to the purpose of the College.

Term Expires 1968

Byron F. Harper, Jr., M.D.—Physician, Atlanta, Georgia.

C. Howard McCorkle—*Vice Chairman*—Superintendent, City Schools, Johnson City, Tennessee.

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

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

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Roy True—Public Accountant, Indianapolis, Indiana.

George Walker—Insurance Executive, Canton, Ohio.

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

Term Expires 1967

Harlis Boling, M.D.—Physician, Kingsport, Tennessee.

Samuel C. Bower, M.D.—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.

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

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

Term Expires 1966

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

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

**Emeritus, retired 1959 after 37 years of service.

The Trustees

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

William E. Gilbert—Professor-emeritus, Radford College, Radford, Virginia.

Leslie L. Lumsden—Retired, Elizabethton, Tennessee.

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

W. Clyde Smith, D.D.—Retired Minister, Piney Flats, Tennessee.

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

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

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Guy Oakes	Dean
Ray E. Stahl	Director of Office of Information
Joe P. McCormick	Assistant to the President
Robert Wetzel	Director of Summer School
Duard Walker	Dean of Men
Mary Perry Young	Dean of Women
Phyllis D. Fontaine	Registrar
B. J. Moore	Business Manager

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Phyllis Parsley	Secretary to the Dean
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Emerald Webb	Secretary to Mr. Moore
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The Faculty

Virginia Laws	Bookkeeper
Sara Smith	Bookkeeper
Charlotte Blevins	Cashier
Willie Botkin	Housemother
Sadie Kinlaw	Housemother
Willie Martin.....	Housemother
Florence Ritz	Dining Room Manager
Preston Kyte.....	Foreman of Maintenance
Harriet Hitchner and Opel Lewis.....	Nurses

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.

HENRY J. DERTHICK, President-emeritus (1917)

B.A., Hiram College; M.A., University of Michigan; Columbia University; LL.D., Milligan College.

DEAN EVEREST WALKER, President (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, Executive Vice-President (1966)

B.Th., Northwest Christian College; B.D., Christian Theological Seminary; D.D., Milligan College; University of Oregon; Butler University; Union Theological Seminary; and LaSalle University.

GUY OAKES, Dean of the College (1943)

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

The Faculty

RAY EMERSON STAHL, Director of Office of Information (1950)

B.A., Bethany College; Ed.M., University of Pittsburgh; B.D., Butler University; St. Vincent College; Pittsburgh School of Accountancy; University of Kentucky.

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

B.S., Milligan College.

DUARD B. WALKER, Dean of Men, Director of Athletics and 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 and Assistant Professor of English (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.

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

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

HUGHES THOMPSON, Chairman of the area of Scientific Studies and Professor 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 English (1948-50; 1962)

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

†Professor Emeritus

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.D., Xavier University; B.D., Th.D., Southern Baptist Seminary; Butler University.

C. WARREN FAIRBANKS, Professor of Biology (1952, 1965)

B.A., Spokane University; M.S., Washington State 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, JR., 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 Professor of History (1954)

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

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

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

E. JANET RUGG, Assistant Professor 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.

BEAUFORT H. BRYANT, Professor Religion (1956)

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

†Professor Emeritus

The Faculty

DOROTHY LARSON BRYANT, Assistant Professor of Christian Education (1963)

B.A., Milligan College; East Tennessee State University; Lincoln Christian College.

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.

ROWENA BOWERS, Assistant 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.

MARY LUCILE ARCHER, Assistant Librarian and Cataloger (1962)

B.S., East Tennessee State University; M.A. in L.S., George Peabody College for Teachers.

MAGDALEN BROYLES JUSTICE, Assistant Professor of Biology (1962)

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

JOHN DOWD, Assistant Professor of Music (1963)*

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

The Faculty

ANNE BRADING DOWD, Assistant Professor of Piano (1963)*

B.A., Oberlin College; M.M., New England Conservatory of Music; Salem College.

ROY HAMPTON, Assistant Professor of Mathematics (1963)

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

FLOYD HEINEY, Assistant Professor of Psychology (1963)*

B.A., Butler University; M.A., Ohio State University; Indiana 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., John Hopkins University; University of Chicago.

DAVID EVERETTE PARSLEY, Assistant Professor of English (1963)

B.A., Ozark Bible College; M.S., Fort Hays State College; M.A., University of Denver; Emporia State Teachers College; Midwest Christian College.

DONALD RAYMOND SHAFFER, Assistant Professor of German (1963)

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

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

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

JOHN LEONARD McCONNELL, Assistant Professor of Biology (1964)

B.S., Ohio State University; M.S., Ohio State University.

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.

*On Leave of Absence

The Faculty

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 Mathematics (1965)

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

ANNA MAE CROWDER, Assistant Professor in 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.

ROY 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 and Vanderbilt University.

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

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

GLEN OWENS, Assistant Professor of Music and Director of the Choirs (1965)

B.M., Baylor University; M.M., University of Houston.

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.

GEORGIA HILT STEWART, Assistant Professor of Psychology (1965)

B.A., Milligan College; M.A., Columbia University, R.N., Johnstor Memorial Hospital School of Nursing.

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

B.A., University of Havana, Cuba.

ROBERT P. BERNARD, Instructor in Music (1966)

B.A., Western University of Pacific; M.M., University of Southern California.

Student Life

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.

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.

CHARLES GRESHAM, Director of program in Religious Education, Special Lecturer in Education (1966)

A.G. Manhattan Bible College; M.R.E., D.R.E., Southwestern Baptist Theological Seminary; Central State College; Perkins School of Theology; Southern Methodist University; Phillips University; Kansas State University.

STUART CHARLES MILLIGAN, Instructor in Music (1966)

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

CAROLYN NIPPER, Instructor of English (1966)

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

ESTELLE PINKSTON, Assistant Professor of Psychology (1966)

B.S., Memphis State University; M.A., East Tennessee State University; Lambuth College; Merrill-Palmer Institute; University of Tennessee.

STUDENT LIFE

Those who are admitted to student membership in Milligan College are required to pledge themselves to accept seriously the direction of the faculty in developing themselves toward the possession of character—mental, moral, physical, and spiritual—which is the declared goal of the college community. Candidates for admission to student membership must present evidence of ability to do college work. In order to assist students to relate themselves to the various fields of learning, as they apply to social and professional life, a wide variety of organizations and activities have been approved by the faculty. Proposals to initiate new groups or activities may originate with the students. This initiative is encouraged by the faculty.

Student Life

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.

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

Student Life

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 by the Hopwood Memorial Christian Church adjoining the campus, 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.

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 W. R. Walker Chapel provides a quiet place for devotions and meditations during the day. 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 week-end often finds many of these teams scheduled for youth rallies, missionary conferences, and church services in distant places.

Student Life

The Bykota Club is an organization of ministerial students and members of the faculty who are ministers. Members of the Association take part in the regular chapel services. 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.

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 Chapel Services, Service Week, and Cleanup Day are a few of the many projects of the Student Council.

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 — is known throughout the United States. This group of more than 40 voices includes appearances in churches and national conventions in its annual tour.

The Chorale of 60 voices is devoted to singing the great anthems and songs of the church.

The Chapel Choir is an organization of more than 80 voices performing only on campus. Other choral organizations include the Modern Madrigal Choir, the Male Chorus and the Women's Chorus.

The different choral groups make many appearances on television as well as in schools, churches and civic clubs and groups.

Vocal and instrumental ensembles are featured as part of the choir programs and present individual programs to schools, churches, and civic organizations.

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, bowling, archery, tennis, badminton, ping-pong, 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 greens fee, playing privileges at the Elizabethton Country 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.

Student Life

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 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.

Professional Organizations

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 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.

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.

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.

Students preparing for a teaching career will 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 Campus

ALUMNI

Graduates, former students, and holders of honorary degrees compose of 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 1966-67

President—Duard Aldridge, teacher-coach, Science Hill High School, Johnson City, Tennessee.

First Vice-President—Joseph Sutherland, minister, First Christian Church, Kingsport, Tennessee.

Second Vice-President—James Hamilton, Physician, Kingsport, Tennessee.

Secretary—Mrs. Ray E. Stahl, Milligan College, Tennessee.

Treasurer—Ivor Jones, professor, Milligan College, Milligan College, Tennessee.

Directors—Mrs. Leslie Lumsden, Elizabethton, Tennessee.

Mrs. Steve Lacy, Johnson City, Tennessee.

THE CAMPUS

Milligan College occupies a campus of above 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.

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. Administrative offices, classrooms, and the auditorium are located here. The concert organ in the auditorium is a gift of Mrs. Carla Burnham Keys as a memorial to her husband.

The Library contains more than 43,000 volumes on open shelves. More than 360 current periodicals are on open shelves in the reading rooms. This material has been carefully selected to meet the needs of the program of study in Milligan College. It is housed in the new P. H. Welshimer

The Campus

Memorial Library Building. The library is fully catalogued. Personal guidance and reader service are available at all times.

Hardin Hall was built in 1913. This three story brick residence hall with its social rooms is a favorite meeting place for many campus organizations as well as for informal social events and public receptions. The donors, Mr. and Mrs. George W. Hardin, 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, "Lovers of Youth." It stands on the slope of the hill above the middle campus.

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. However, some 800 spectators can be accommodated in the stands. A limited amount of dormitory space is in this building, the gift of Joel O. Cheek of Nashville, Tennessee.

The President's House stands near the main entrance to the campus.

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 Campus

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 new dormitory for men, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960.

The P. H. Welshimer Memorial Library was dedicated November 24, 1962. 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.

Hart Hall, a new air-conditioned dormitory for 188 women, was completed in September 1965.

The W. R. Walker Memorial Chapel is under construction and will be ready for occupancy in the late spring of 1967.

PROCEDURES

Admission to the Freshman Class

Ability, preparation, character, and seriousness of purpose are the characteristics emphasized in considering applicants to Milligan College.

The pattern of the high school program recommended for the applicant should consist of three units of English, two units of foreign language, two units of math, one unit of science, one unit of social studies and a sufficient number of units to total sixteen units. A student may be admitted with one deficiency provided he passes a course in that area during his freshman year. To provide further evidence of academic ability, the applicant is required to take the American College Test and furnish the college with these scores.

Early application is encouraged. Inquiries should be addressed to the Office of Information.

The following steps are employed in the admission process: (1) The student secures from the Office of Information application blank, catalog, and other needed forms. (2) The student returns the application along with an application fee of ten dollars, a small photo and a brief autobiographical sketch to the Office of Admissions. (3) The Office of Admissions acknowledges the receipt of the application. (4) The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, the high school rating sheet, and a recommendation from the minister or a business man. (5) 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.

Procedures

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 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 then presented to the Admissions Committee for action.

Special Students

In unusual circumstances an applicant over twenty-one years of age who, though not qualified in any of the above ways but able to demonstrate fitness for college work, may be admitted as a special student, but not as a candidate for a degree. In case a special student decides to become a candidate for the degree, he must satisfy the entrance requirements in full within two years from the time of his admission. No person who can meet the requirements for admission as a regular student is admitted as a special student. Special students are not permitted to represent the College in intercollegiate contests.

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

Milligan College does not operate for profit. Expenses are kept at a minimum consistent with efficiency and high standards.

The personal services to the student—room, board, and the activities covered by the service fee—are provided at the lowest possible cost.

The tuition in Milligan provides only half of the actual instructional cost. The other half is secured from endowment earnings and gifts. The minimum expense to a student for one semester is:

Tuition (for 12 to 17 hours)	\$287.50
*Board	180.00
Room	172.50
**Service Fee	30.00
TOTAL	\$670.00

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
Health and Physical Ed. 251, 303	5.00
Science Laboratory Fee	10.00
Secretarial Practice	10.00
Typing	10.00
Biology 311	12.00
Language Laboratory Fee	5.00

Expenses

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

Dropping a Course

A student may drop a course by permission of the professor and Dean and on notification of the registrar and business office on forms provided for this purpose.

A student will receive no refund for a course dropped unless it occurs within the three weeks from the official date of the semester registration.

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

**In order that all students may participate equally in a number of personal services of the College, a small fee known as a service fee is charged every student. This makes possible admission to all numbers 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.

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 firm commitment by the student, the room deposit fee formerly charged is now included in a pre occupancy fee of \$50.00.

All students, old and new, registering in September, 1967, are subject to this fee.

Expenses

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 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 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	\$15.00
Tuition each academic hour under 17	25.00
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	5.00
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 twenty-two (\$22.00) 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 of tuition, 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,

Expenses

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.

Milligan College has made arrangements with Tuition Plan, Inc. for parents and students to contract with that organization for deferred payment of the college account through a combination insurance and loan program. Details of the plan may be obtained by writing the Business Office.

The above policy on down payment requirements does not apply to students who are participating in Tuition Plan, Inc., on full scholarships from Foundations or Corporations, provided the contract or scholarship is as large as the down payment required.

Those who are on Vocational Rehabilitation can apply approved amounts per semester toward the down-payment requirement.

Summer School: All charges are payable on day of registration.

No transcripts will be issued until the student has satisfied all accounts with the College.

A service fee for delinquent accounts will be added according to a scale set by the Business Office. Special arrangements for deferred payments may be made with the Business Manager.

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

Textbooks

New and used textbooks may be purchased at the Miligan Bookstore located in Hardin Hall. *The Bookstore operates on a cash basis and no books will be charged to a student's accounts unless the student is on a full-scholarship. The cost of textbooks, usually, does not exceed \$50.00 for the year.*

Board

The cost of Board is \$180.00 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 \$13.00 per week for the period of their stay in the College.

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 shall 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

Expenses

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 Dean before leaving college.

Linen Service

By special arrangement with a local linen supply company the school has made available to all dormitory students a linen rental service. This service will provide 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 \$25.00 for the academic year (plus state sales tax). 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.

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.

Expenses

A limited number of scholarships are available for ministerial students who demonstrate both worthiness and need.

Application for all scholarships must be made in writing on forms available at the Registrar's Office or Business Office. Scholarships are valid only when the application has been approved by the President of the College. No scholarship may be claimed as a right. A student may not receive more than one scholarship or grant-in-aid.

Part-Time Employment

The College employs students on a part-time basis in the offices, dining hall, library, and in campus and building maintenance. Amounts so earned are credited to the student's account at the College.

To retain work assignments, students must maintain a level of scholarship that is satisfactory to the administration and perform their assigned work to the satisfaction of the supervisor in charge.

Part-time employment may also be found with firms in Johnson City and Elizabethton. Students who have had experience in some form of specialized work have excellent opportunities of securing part-time employment.

Milligan students serve churches in the area as ministers, assistants to the minister, or as directors of music.

Students engaged in part-time employment may not enroll for more than sixteen academic hours without permission of the Dean of the College.

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.

Expenses

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:

Regulations

Type of Program	No Dependents	One Dependent	Two or More Dependents
Institutional			
Full Time	\$100.00	\$125.00	\$150.00
¾ Time	75.00	95.00	115.00
Half Time	50.00	65.00	75.00
Cooperative	80.00	100.00	120.00

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.

The National Defense Loan Program

The National Defense Education Act of 1958 provides some funds under provisions known as the Federal Student Loan Program. Preference is given to needy students preparing for careers in elementary and secondary teaching and who desire to major in mathematics, science, and modern foreign language. Application for such loans **must be made** to Milligan College on forms supplied for that purpose. Inquiries may be addressed to the Business Office.

REGULATIONS

Observance of the following regulations is required for continuance in membership in Milligan College.

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 Dean of the College.

Regulations

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bed spread, 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.

Conduct

Milligan College assumes that its students, having voluntarily enrolled, are in sympathy with its purposes and philosophy, and will abide by its accepted practices. During attendance in Milligan, each student is considered a representative of the College whether he is on the campus or away. Students are expected to observe the laws of the community as well as the rules of the College. Therefore, misconduct on the part of any student is a matter of college concern and may be subject to consideration and action by the Disciplinary Committee.

The Disciplinary Committee works to maintain the kind of campus environment and student behavior that are appropriate to Milligan's standards. 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 Students. Specific regulations follow.

2. 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. Therefore, the use of alcoholic beverages by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.

Regulations

3. Gambling is not permitted. Any student violating this rule is subject to dismissal.

4. Dishonesty in examinations, in class work, or any aspect of college life will subject the offender to serious penalties ranging from automatic failure in the course to dismissal from the College.

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

6. 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.

7. The College reserves the right to require the withdrawal of any student whose conduct is considered by the Disciplinary Committee to be detrimental to the best interest of the College.

8. 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.

The Dean of the College may require of any student justification of his use of the liberty and responsibility awarded him by his privilege of membership in the College.

Automobiles

The privilege of using an automobile is extended to students residing on campus after the completion of thirty (30) semester hours and sixty (60) quality points. The use of a car 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 written request and co-signed by parent or guardian to the Dean of Men.

A parking fee of \$5.00 per semester will be charged.

Academic Information

Social Activities

All social activities must first be approved by the faculty sponsor and then entered on the social calendar by the Coordinator of the Student Life.

Dormitories

The Resident or House Mother in each dormitory, in conference with the Dormitory Council, provides such regulations as may seem conducive to the best community life in the dormitory.

ACADEMIC INFORMATION

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 freshmen rank are detailed in the matriculation section of this catalog.

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 this student achieves a 2.0 the following semester, he may have an additional semester of probation if necessary to bring his cumulative-grade-point average to 2.0.

First semester freshmen who do not have a 1.2 grade-point average will not be granted probation.

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

Unclassified Students

Unclassified students are undergraduate students who have met all entrance requirements but are temporarily

Academic Information

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. Forms for requesting unclassified status are available at the Registrar's office.

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

Unclassified students are not permitted to represent the College in inter-collegiate contests and cannot vote in class elections.

A student may so arrange his work to accumulate 32 semester hours each year, toward the total 128 semester hours required for advancement to the baccalaureate degree. This program, requiring four years for completion, is regarded as normal.

Students undertaking a program of studies including professional or vocational courses in addition to those required for the baccalaureate degree should arrange to add the number of semester hours necessary. A student electing to meet such career objectives should anticipate so far as possible a distribution of such courses over his four years. The student load may not be less than twelve nor more than eighteen hours without the consent of the Dean of the College.

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:

Academic Information

Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, Mathematics, Music, Philosophy, Psychology, Secretarial Science, and Social Studies.

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.

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 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 receive "W's" or "F's" as the case may be.

Absences

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

Academic Information

Chapel affords an opportunity for learning for which there is no substitute. Accordingly, chapel attendance is required. More than four unexcused absences from chapel will involve the assignment of the grade "F" for all courses in which the student has been enrolled during that semester.

Absences preceding and following college holidays will be counted as double the number of hours missed.

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

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 the point hour ratio of at least 3.75.

Cum Laude, based on a point hour ratio of at least 3.33.

Reports

The Registrar will issue a report of the faculty evaluation of each student's work at the close of each semester and following each mid-semester examination period. The Registrar will mail both reports to the parents or guardians of each freshman. Report on the work of all upper-classmen are mailed to the parents or guardians at the end of each semester.

Withdrawal

No student may withdraw from the College without per-

Academic Information

mission 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.

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.

Glossary

Advisor—Member of the faculty to whom the student may be assigned for curricular and personal counseling.

Major—An area of concentration in one field representing not fewer than twenty-four hours.

Minor—An area of concentration in one field representing not fewer than eighteen hours.

Point Hour Ratio—The average grade expressed in numerical tests. It is obtained by dividing the total quality points by the number of semester hours. For example, a point hour ratio of 3.00 represents an average grade of "B".

Quality Point—The numerical value assigned to a letter grade. A grade "D" is assigned one point per semester hour. The numerical value increases one point for each advance in the letter grade. Thus an "A" grade is assigned 4 quality points per semester hour.

Semester Hour—Represents one hour of class attendance a week for a semester. For example, a course assigned three semester hours or credit meets for 3 one-hour sessions per week for the semester.

REQUIREMENTS OF 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.

The chart below indicates the specific course requirements for the Bachelor degree.*

Area of Learning	Content Fields	Semester Hours
Biblical	Bible	6
Humane	English	12
	**Foreign Language	12
	Psychology	6
Professional	Physical Education	4
Scientific	Biology	
	or	
	Chemistry	
	or	
	Physics	8
	Mathematics	5
Social	American History	6
	Sociology	
	or	
	Economics	
	or	
	Government	6

*The candidate for the degree must present, in addition to the above requirement, a major consisting of 24 semester hours, a minor of 18 semester hours and electives to total 128 semester hours.

**Students presenting two units of foreign language from the secondary school may satisfy the language requirement with six semester hours at the 200 level in this same language.

Requirements for a Degree

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.

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.

Endowment Funds

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. Dean Everest Walker, President, Milligan College, Milligan, Tennessee.

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 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

EIGHTY-SIXTH ANNUAL
COMMENCEMENT

MAY 30, 1966

Bachelor of Arts Degree

Walter Louis Bain
Harriett Elizabeth Barnes*
Stefan Lynn Beck
Charles Randall Blair
John Donald Boyd, II
Marcia Ruth Bower
Nancy Ruth Brandon
Camden Cooper Brooks*
Robert C. Brooks
Linda Sue Marshall Burnette
Carolyn Jeanne Chambers
Jerry Warren Clark
Larry Dean Clark
Paul A. Conklin
Clyde Yeamans Cridlin, Jr.
Lorna Jeanne Crouch**
Michael Evans Druley
Wayne Frederick Emery
Glenn Estep
Cheryl Blyse Faust
Frederick M. Fields
George William Fleeman
Vivian Ann Ford
James Wilson Fry
Callie Clifton Garris, Jr.
Norma Jean Greene
Nancy Lynn Harkey
Robert A. Hass
Patricia Diane Hayes
Walter Gregory Hill
Barbara Kay Hittle
Marilyn Louise Kling*
Michael Stephen Lacy*

Diana Fay Lease
Lana Jane Lanier
Shirley Kathryn Liston
Barbara Lynn Longabaugh
Jeraldyn Frances Madill
Roy Altus Maiden, Jr.
Margaret Miller McBee
Cheryl Louise Morgan
Ann Douffas Naedele
James N. Newman
Judith Nighbert Newman
Patricia Lee Phillips
William Wayne Pierce*
Charles Goddard Presley*
David Robert Pugh
Charla Kaye Purcell*
Carol Evelyn Reynolds
Diane Richwine
George Paul Ross
Nancy Smith Ross
John Chapman Samples
Ora Jane Scruggs
Rebecca Ann Smith
Mary Gail Starr
William Lester Thompson, III*
Molly Muriel Tindall
Richard T. Tinker
Jacqueline Val-Ya Tolly
Gerald Lee Tribble
John Henry Webster
Miriam Kaye Wilson
James Lewis Young
Carol Zavadsky

* Cum laude.

** Magna cum laude.

Bachelor of Science Degree

Leonard G. Barkdoll
Ronald E. Barker
Mary Ellen Bescoter
Samuel C. Bower, Jr.
Donald G. Bowles
Gerald Neal Braley, II
Cameron William Cantwell
Richard Darris Ensor
George Allen Friar
Bettye Bean Fuzek*
Harold Thomas Golding
Martha C. Hannum
Donald C. Honeycutt
Jerry Leland Judd
Wilmer Eugene Leatherman
Patricia E. Loichle
Thomas Lee McCune
Marlys O. Meier

Gary Wayne Meredith
Charles Edwin Newman
William Long Phair
Michael Howard Phipps
Joyce Robb Pierpont
Marvin Kenneth Powers
Robert G. Price
Rita Farmer Ratliff*
Richard Lee Ryan
George Edward Smithson
Harley T. Stallard, Jr.
Barbara Louise Stephenson
Robert F. Summers
Ida Paulette Thomas
Judy Jureitta Treadway
Alan Louis Van Bodegraven
Bruce Ernest Wunderley
David Harold Young

HONORS

Lorna Jeanne Crouch, Valedictorian
Camden Cooper Brooks, Salutatorian

HONORARY DEGREES

Ted Dalton, Doctor of Laws
Ralph E. Sims, Doctor of Divinity

SUMMER COMMENCEMENT
AUGUST 13, 1966

Bachelor of Arts Degree

Catherine Elizabeth Cuthrell	Frank Eugene Pulliam
Gwendolyn Beth Drozd	Jerry Walter Richardson
James Clyde Gregory	Beverly Ellen Roberts
Eileen May Johnson	Joyce Helen Stokes
Cameron Allen Loveday	Wilson Arnold Terry
Roger Arnold Meyer	Margaret Carol Walker
Richard Taylor Polly	Diana Taylor White
James Norman Price	Christopher Hawkins Williams

Bachelor of Science Degree

Elizabeth Fleetwood Bennett	Constance Marie Linton
Virginia Lou Bolejack	Lonnie Earl Lowe
Charles Kenneth Campbell	Joseph Allen McCloud
James William Chambers	Alan Warren Mills
Eric Coeburn Cole	James S. O'Dell
Thomas Wayne Elsea	Brenton Dale Propst
Joyce T. Fox	Noel Thomas Randolph, II
James Ernest Hendricks	Anna Carolyn Sharpe
Carol Lynn Hill	Dixie Van Taylor
Robert Paul Hoffman	Margaret Young Thomas
Thelma Howell	Maphrie R. Wilson
Donald Wayne Lady	

CALENDAR

Summer 1967

Summer School (First Term)	June 12—July 14
Summer School (Second Term)	July 17—August 19
School of the Ministry	August 21-25

Fall 1967-68

Faculty Conference	September 5, 6, 7
Dorms Open to Freshman*	September 9, 10
Freshman and Transfer Reception	September 11
Freshman Orientation	September 11, 12
Dorms Open to Upperclassmen	September 12
Registration (Freshman)	September 13
Registration (Transfer and Upperclassmen)	September 14
Classes Begin	September 15
Matriculation Ceremony	September 15 (evening)
Fall Convocation	September 17
Fall Meeting of the Board	October 19-21
Fall Recess	October 26, noon— October 31, 8:00 a.m.
Founder's Day	November 24
Christmas Holidays	December 15, after last class—Jan. 3, 8:00 a.m.
Final Examinations	January 22-26

Spring 1968

Registration	January 29
Classes Begin	January 30
Spring Holidays	March 21, noon—March 27, 8:00 a.m.
Spring Meeting of the Board	March 29-30
Annie Lucas Kennedy Reading Contest	April 10
May Day	May 11
Annual Awards Day Dinner	May 17
Final Examinations	May 25-31
Baccalaureate	June 2
Commencement	June 3

*Transfer students may move into the dorm September 9-12.

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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.

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

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 W. R. Walker Memorial Chapel and a new air-conditioned dormitory accommodating 188 women.

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.

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 fellow men.

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.

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

Character

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 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 four 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.

Specific Objectives

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 fellow-men, 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 the Dean of the College.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bed spread, 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 is extended to students residing on campus after the completion of thirty (30) semester hours and sixty (60) quality points. The use of a car 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 \$5.00 per semester will be charged.

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 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 Life

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 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 by the Hopwood Memorial

Christian Church adjoining the campus, 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.

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 W. R. Walker Chapel provides a quiet place for devotions and meditations during the day. 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 week-end 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. Members of the Association take part in the regular chapel services. 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 Chapel Services, Service Week, and Cleanup Day are a few of the many projects of the Student Council.

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 greens 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

Student Life

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 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.

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, intramural, 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

Student Life

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. Administrative offices and classrooms are located in this structure.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The arrangement of the 45,000 volumes and the 360 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 the Executive Vice-President 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 President's House stands near the main entrance to the campus.

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.

The W. R. Walker Memorial Chapel was dedicated Novem-

The Campus

ber 24, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—182 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 Seeger Auditorium 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.

PROCEDURES

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. Forms for requesting unclassified status are available at the Registrar's office.

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)	\$302.50
*Board	192.50
Room	195.00
Student Activity Fee	31.00
TOTAL	\$721.00

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
Health and Physical Ed. 251, 303	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	\$27.00
Registration Fee	5.00
Room	64.50
Board	65.00

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

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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	\$16.00
Tuition each academic hour under 17	27.00
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	5.00
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 twenty-seven (\$27.00) 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.

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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.

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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 accounts 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 \$192.50 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 \$14.00 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 \$26.75 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 shall 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 Carroll B. Reece Scholarship Fund—Requirements: A needy student from the First District of Tennessee. (\$200.00)

The Jamison-Wells Scholarship Fund—Requirements: A worthy student preparing to be a minister or missionary. (\$200.00)

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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.

Scholarships have value only as credit toward tuition accounts.

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 per cent 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. Even when commercial credit sources are available, repayment is

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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 per cent 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.

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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	\$130.00	\$155.00	\$175.00
¾ Time	97.50	116.25	131.25
Half Time	65.00	77.50	87.50

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.

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; English 111-112; Literature six hours; Foreign Language through the intermediate level; Psychology six hours; four hours of activities in Health and Physical Education; Biology, Chemistry, or Physics eight hours; Mathematics or Philosophy six hours or Fine Arts six hours; History 203-204; 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, 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 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.

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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 this student achieves a 2.0 the following semester, he may have an additional semester of probation if necessary to bring his cumulative-grade-point average to 2.0.

First semester freshmen who do not have a 1.2 grade-point average will not be granted probation.

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

Academic Information

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

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.

A major in Bible shall consist of thirty-four semester hours including the following: Bible 123, 124, 201-202, 301-302 or 251-252; History 341-342, 431-432; and Christian Ministries 275-276 or four hours of a combination of Christian Ministries and Religious Education.

A minor shall consist of eighteen hours to be arranged.

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.

471-472—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. Two semester hours each semester.

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.

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.

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 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, curricu-

Bible

lum, 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 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 can be taken in the fields of English, philosophy, psychology and music. A minor can be taken in French, Greek, Spanish, German, art, and speech.

Art

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

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Studio problems based upon individual student's experience and skill. Two semester hours each semester.

211A—CRAFTS—Projects suitable for use in classroom, vacation school, playground, summer camp, and scout and church recreation programs for elementary school age children. Two semester hours.

211B—CRAFTS—Craft study emphasizing design and expression through creative problems. Two semester hours.

212—LETTERING—Forming and shaping letters and use of pens, brushes, and drawing instruments. Problems in lettering arrangement include signs and posters. Two semester hours.

Art

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint the elementary education student with objectives, materials, and methods for elementary school art program. Laboratory experiences, reading, and discussion. Three semester hours.

320—ART APPRECIATION—An introduction to sculpture, architecture, painting, and the minor arts. Three semester hours.

420—ART HISTORY: PREHISTORIC THROUGH RENAISSANCE—A survey of sculpture, architecture, painting, and the minor arts. Three semester hours.

421—ART HISTORY: 17th CENTURY THROUGH CONTEMPORARY—Continuation of 420. Prerequisite: Art 420. Three semester hours.

English and Speech

The aims of the field of English are to teach the student to hear and write clearly and effectively, to read with appreciation and enjoyment, to acquire a knowledge of the major literary work in English, and to construct intelligent standards for the critical evaluation of literature and the recognition of main trends.

The major in English consists of thirty semester hours which must include English 201-202, 304-305, 311 and 461 or 462. The remaining twelve hours are elective, six of which must be on the senior level. The other six 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 consists of English 201-202, 304-305, and twelve hours of electives on the junior or senior level.

English 111-112 is a prerequisite for all English courses, and does not count toward the English major or minor.

The speech curriculum is designed as an interdisciplinary offering for the student planning a career in the business professions, public relations, education, professional, political or other public service. It also contributes to an over-all understanding of mass communication both historical and contemporary.

Students minoring in speech will complete eighteen semester

hours. The required courses for the minor are Speech 121, 211, 301, and 401.

COMPOSITION

111-112—ENGLISH COMPOSITION—A six-hour course covering two semesters. The principal means of instruction are the reading and discussion of essays and articles with frequent practice in expository writing. 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.

LITERATURE

201-202—SURVEY OF ENGLISH LITERATURE—A study of the life and literature of the English people with special attention to the writings of the major authors. Collateral reading in the English novel. Three semester hours each semester.

301—THE ROMANTIC MOVEMENT IN POETRY—A study of the ideals and works of Gray, Thomson, Cowper, Blake, Burns, Wordsworth, Coleridge, Shelley, Byron, and Keats. Alternate years. Three semester hours.

302—VICTORIAN LITERATURE—A study of the social, scientific, literary, and religious ideals of the Victorian period as represented in Newman, Macaulay, Carlyle, Ruskin, Arnold, Huxley, and the poetry of Tennyson and Browning. Alternate years. Three semester hours.

304-305—SURVEY OF AMERICAN LITERATURE—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading 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.

345—WORLD LITERATURE—Ancient classics to Renaissance.

English and Speech

Reading and analysis of selected translations of literature from Homer to Dante. Three semester hours.

346—EUROPEAN LITERATURE—Renaissance to the present. Reading and analysis of selected translations of European literature from Cervantes 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. Part of English major for elementary education students. Three semester hours.

355—LITERATURE AND PSYCHOLOGY—(See Psychology 355).

361-362—THE NOVEL—A study of the history and development of the novel as a literary type with special emphasis on the British novel the first semester and the American novel the second semester. Alternate years. Three semester hours each semester.

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

402—THE SHORT STORY—A study of the development of the short story, with some attention to creative writing. Three semester hours.

411-412—CONTEMPORARY LITERATURE—A study of the major literary influences in and upon twentieth century fiction, poetry and drama. A seminar course emphasizing independent reading and discussion. Three semester hours each semester.

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

432—SEVENTEENTH CENTURY LITERATURE—A study of the rise and decline of Neo-Classicism with an emphasis on the writings of Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

433—THE EIGHTEENTH CENTURY—A study of the rise and decline of Neo-Classicism with an emphasis on the writings of

English and Speech

Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

461—SHAKESPEARE—A study of Shakespeare's tragedies. Colateral reading of Shakespeare's contemporaries: Kyd, Marlowe, Johnson, Dekker, Heywood, and Webster. Three semester hours.

462—SHAKESPEARE—A study of a selected group of Shakespeare's histories and comedies. Attention also given to his sonnets. 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. Offered both semesters. One to three semester hours.

SPEECH

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.

241—DRAMATIC PRODUCTION AND DIRECTION—Study of the various elements in the production of a play: acting, stagecraft, 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.

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.

English and Speech

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.

346—PERSUASION AND 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.

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 intercollegiate debate. 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.

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.

Foreign Language

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

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.

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

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 as teachers. Milligan College offers both a major and a minor in music.

Students who participate in the music classes and ensembles of Milligan College should realize that this is an experience in aesthetics. The creative imagination and accomplishment which the student achieves in these programs should illuminate his insights to increase his ability toward continued aesthetic creativity or toward enriched performance in other areas besides music.

The music major includes Music 143-144, 243-244, 381-382, eight hours of an applied major, four hours of an applied minor, and eight hours of ensemble. The music minor includes Music 143-144, 381-382, four hours of an applied major, two hours of an applied minor, and eight hours of ensemble. The music education student should add to those courses required of a major: Music 363, 364, 451, 452.

Each music major will select a performance emphasis (applied major) and a secondary performance emphasis (applied minor) in the areas of piano, voice, or organ.

THEORY OF MUSIC

108-109—FUNDAMENTALS OF MUSIC—Precollege theory for

Music

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 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, the structure of scales, intervals, triads, and chords. Development of the ability to sing at sight and write from dictation. Beginning analysis of the J. S. Bach chorale style, and construction of cadential 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 the 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. Prerequisite: Music 243-244. Three semester hours.

344—ORCHESTRATION—A study of instrumentation and principles governing the combination of musical sounds in orchestral ensemble. Prerequisite: Music 244. 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.

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.

CHURCH MUSIC

371—CHURCH MUSIC—A study of church music, its philosophy,

functions and evolution. Three lectures per week. Three semester hours.

372—HYMNOLOGY—A survey of the hymn literature of the Protestant Christian Church, with consideration of literary, sociological, and religious forces affecting the creation of hymn poetry and hymn tunes. Three lectures per week. Three semester hours.

373—CHURCH CHOIR METHODS AND MATERIALS—A study of the various methods used in the development and training of today's church choir. Also a study of the various material available to the church choir. Three lectures per week. Three semester hours credit.

375—GRADED CHOIR METHODS AND MATERIALS—A survey of today's Graded Choir program, its beginning and development as well as the methods and materials used in directing and training a graded choir program. Three lectures each week. Three semester hours credit.

MUSIC EDUCATION

Entrance Requirements—Each student, at entrance, will be expected to demonstrate a modicum of proficiency in some acceptable medium of musical performance. Students planning to teach school music should include in their precollege preparation a proficiency on a principal instrument (or in voice), some ability on a minor instrument or instruments, and the development of a functional keyboard facility. The precollege experience for the prospective music teacher should include a variety of vocal and instrumental experience in ensembles, both large and small. Knowledge of the fundamentals of music theory and some background of information about music history and literature also will be helpful to anyone who plans a career in music teaching.

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 minors. Studies in the area of musical materials and methods for

Music

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 major concentration (voice, piano, or organ). He must complete eight semester hours in this major area. He must also select a minor concentration in which he must complete four semester hours, and pass a sophomore barrier. If a student does not select voice as a major or minor 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 during the spring semester of each year. The senior student may then be advised by the music faculty to perform a public recital.

Piano

Entrance Requirements—The piano student should be grounded in correct touch and reliable technique and have acquired systematic methods of practice. He should also play all major and minor scales in moderate tempo and demonstrate basic sight reading skill.

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

150—INDIVIDUAL INSTRUCTION—This is for non-music ma-

jors who wish piano lessons as an elective. One semester hour for each half-hour lesson.

Voice

Entrance Requirements—The voice student should sing on pitch, with correct phrasing and musical intelligence, a standard song in good English (the simpler classics are recommended). He should read a simple song at sight and understand the rudiments of music. He should also have elementary ability in piano performance.

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. One semester hour.

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

Organ

Entrance Requirements—Same as those applying to piano plus ability to play Bach Two-Part Inventions, Little Preludes, and the easier Mozart and Beethoven sonatas.

112-412—INDIVIDUAL INSTRUCTION—One semester hour for each half-hour lesson.

160—INDIVIDUAL INSTRUCTION—This is for non-music majors 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, with the exception of Chapel Choir, will be determined by

Music

the student's ability as judged by the auditioning committee. Auditions held prior to registration for fall semester.

131-132—Freshman Level

231-232—Sophomore Level

331-332—Junior Level

431-432—Senior Level

CHAPEL CHOIR—A large choir open to all students without audition. This choir sings during the regular chapel hour on campus as well as participating in other musical activities. Two rehearsals each week.

MILLIGAN CHORALE—Mixed chorus: Programs chosen from the best in choral literature. Winter and Spring Concerts. Three to five rehearsals each week. Limited outside engagements.

CHAMBER SINGERS—A small mixed chorus of selected singers to study and perform varied repertoire. Limited outside engagements.

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 ability and musicianship required. Annual spring tour.

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.

Philosophy

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

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.

351-352—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.

Philosophy

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 a study integrally related to the humanities. There are at least three major facets of interest to the modern student. First, it is an established, scholarly discipline represented in the study and work of colleges and universities. Second, it is a young science of important standing—the science of human behavior. Third, it is a growing profession of approximately 25,000 men and women belonging to the American Psychological Association with over 60% having an earned doctorate.

The major in Psychology consists of a minimum of 24 semester hours. In addition to the Liberal Arts group requirements it is suggested that additional hours be selected from biology, humanities, mathematics, philosophy, physics, and sociology.

Required courses for the major in psychology are Psychology 151-152, General Psychology; 359, Statistics in Psychology and Education; 358, The Psychology of Abnormal Behavior; and 448, Experimental Psychology. With the exception of Experimental Psychology, these same courses are required for a minor in Psychology, which shall consist of a minimum of 18 semester hours. Psychology 151-152 is a prerequisite for all courses in psychology.

A student contemplating graduate work in psychology should take 30 semester hours of psychology, since some graduate schools require a minimum of 30 semester hours of psychology for admission.

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 PERSONALITY ADJUSTMENT—A study of problems of personal adjustments with special references to behavior mechanisms. Related problems of theory and measurement of personality. 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. 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.

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.

Psychology

452—PASTORAL COUNSELING—An introductory course, primarily for pre-ministerial students considering the theory and processes of sound counseling and clinical psychology. Offered annually. 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 relevant problems in all areas of psychology and problems involving communication with other disciplines. 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 three divisions: business administration, economics, and secretarial science.

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. A student minoring in business administration and economics must complete eighteen semester

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hours including: Business Administration 211-212; Economics 201-202; and six hours of business or economics electives.

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.

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 an elective, 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 in this section of the catalog. Secretarial science minors should complete eighteen hours of these courses.

An intensive two year 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; four hours of Physical Education activity courses; and nine hours of elective courses.

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; Mathematics 105-106.

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. Three 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. 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 processes of management to selected areas. Studies of individual firms are discussed. 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

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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

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 recognizes the need for physical and social as well as mental and spiritual development. Courses are provided to give training in the discipline of the body and leadership in recreation and in major and minor sports. In addition, the courses provide 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 majors should be active in several intramural sports.

Uniforms—Students should not purchase class uniforms before coming to Milligan. However, each should have ample recreational clothing, including sweat clothing (men), gym-shoes, swim suit, (also a bathing cap for girls).

A major in Health and Physical Education consists of twenty-four semester hours including the following courses:

	Semester Hours
Health Education 250	3
Personal Hygiene 251	3
or	
Community and School Hygiene 254	3
Safety Education and First Aid 354	3
Folk Games and Other Rhythmical Activities 305	2
Tumbling, Stunts, and Conditioning for Girls 307	2
or	
Tumbling, Stunts, Pyramids 308	2
Adult Recreative Sports 312	2
Swimming and Water Safety 401	2
Administration of Health and Physical Education 404	3

All Health and Physical Education majors are required to include Biology 203 (Anatomy and Physiology) in their program.

In addition to the above health and physical education courses the following courses are required for certification in Tennessee.

Health and Physical Education

	Semester Hours
Team Sports for Women 311	3
Coaching Major Sports for Men 313	3
Theory and Technique of Training and Conditioning for Men 303	2
Physical Education for Public Schools 203	2
Adaptive Physical Education 306	2

100A-100B—PHYSICAL EDUCATION (MEN AND WOMEN)—That phase of physical education which meets the needs of the individual who, because of some physical inadequacy, functional defect capable of being improved through exercise, or other deficiency, is unable to take part in the regular physical education program. One semester hour.

101-102—PHYSICAL EDUCATION (MEN)—Prescribed participation in athletic skills and seasonal sports. Required of all freshmen. Meets twice a week. One semester hour.

101-102—PHYSICAL EDUCATION (WOMEN)—Prescribed participation in team sports. Required of all freshmen. Meets twice a week. One semester hour.

106—WRESTLING—For beginning wrestlers. Various positions, holds, takedowns; technique and strategy; wrestling participation. This course may be substituted for 101-102. One semester hour.

200A-200B—PHYSICAL EDUCATION (MEN AND WOMEN)—Continuation of 100A and 100B. One semester hour each semester.

201-202—PHYSICAL EDUCATION (MEN)—Individual sports emphasized. Required of all sophomores. Meets twice a week. One semester hour each semester.

201-202—PHYSICAL EDUCATION (WOMEN)—Individual and recreational activity. Required of all sophomores. Meets twice a week. One semester hour.

203—PHYSICAL EDUCATION FOR THE PUBLIC SCHOOL—A course designed to prepare the teacher to direct games and playground activities in the public school. Includes mimetics, running

Health and Physical Education

games, story plays, stunts, etc. Offered annually. Two semester hours.

250—HEALTH EDUCATION—A survey course designed to impart knowledge of the principles of health education and health education practices. Emphasis is placed upon methods of instilling desirable attitudes and practices among public school children. Offered annually. Three semester hours.

251—PERSONAL HYGIENE—An analysis of the problems pertaining to individual health. Attention is given to the complex factors in personality and the application of scientific facts and principles to living. Alternate years. Odd. Three semester hours.

254—COMMUNITY AND SCHOOL HYGIENE—A general survey of the principles of sanitary science as they apply to food and water, sewage and garbage disposal, ventilation, housing, and other school and community problems. Alternate years. Even. Three semester hours.

303—THEORY AND TECHNIQUE OF TRAINING AND CONDITIONING (MEN)—Physiological aspects of training and conditioning. Methods of conditioning for various types of activities; treatment and care of injuries. Offered annually. Two semester hours.

305—FOLK GAMES AND OTHER RHYTHMICAL ACTIVITIES—Rhythmical movements, elementary steps, and folk games of various countries. Opportunities are given for leadership experience under directed supervision. Alternate years. Odd. Two semester hours.

306—ADAPTIVE PHYSICAL EDUCATION—The organization of programs and services in physical education for the physically handicapped for all age levels. Attention is given to corrective procedures. Alternate years. Odd. Two semester hours.

307—TUMBLING, STUNTS, AND CONDITIONING FOR GIRLS—Instruction in tumbling, stunts, and conditioning with emphasis upon the development of total fitness of the individual. Alternate years. Odd. Two semester hours.

308—TUMBLING, PYRAMIDS, AND STUNTS—Instruction in

Health and Physical Education

tumbling, brother acts, pyramid building, and stunts in line with the ability of the class. Material will be presented which may be used in elementary and secondary schools. Two semester hours.

311—TEAM SPORTS FOR WOMEN—Instruction in the fundamentals of such team sports as basketball, soccer, volleyball, field hockey, softball, and speed ball. Adaption is made to the high school education program. Alternate years. Even. Three semester hours.

312—ADULT RECREATIVE SPORTS—The teaching of sports activities suitable for adults. Alternate years. Odd. Two semester hours.

313—COACHING FOR MAJOR SPORTS—Football, basketball, track, and baseball. Techniques, formations, plays, and tactics are analyzed and evaluated. Officiating, important rules, and rule changes are studied. Three semester hours.

354—SAFETY EDUCATION AND FIRST AID—Emergency treatment of injuries for practical home and school use. The course includes a survey of safety education materials and methods of accident prevention in the schools. Three semester hours.

401—SWIMMING AND WATER SAFETY—Methods of teaching the various strokes and dives. Water games, stunts, and swimming meets. Safety procedures and American Red Cross Life Saving Tests. Alternate years. Even. Two semester hours.

404—ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION—Study of program administration at junior and senior high school levels. Considered are such problems as personnel, organization, scope of activity, evaluation, finance, and equipment. Alternate years. Even. Three semester hours.

405—HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—A study of the history, principles, and policies of physical education programs. An analysis of social, political, economic, and educational forces underlying the related fields of health, physical education, and recreation. Alternate years. Odd. Three semester hours.

Health and Physical Education

408—APPLIED PHYSICAL EDUCATION—This course is designed to aid the physical education major in his preparation to do his directed teaching in the public schools through close association with the professor in conducting other physical education classes. The student will do research in physical education and complete a problem assigned or approved by the professor. The completed work will be filed with the department. Available each term, upon approval. Two semester hours.

409—RECREATION LEADERSHIP—The scope and significance of recreation. Emphasis is placed on programs for church and community recreation, personnel, recreation areas and facilities, and current practices in camp leadership and administration. Alternate years. Even. 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 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 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 per cent 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.

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.

Education

THE ELEMENTARY CURRICULUM

Bible

Course No.	Title	Hrs.
Bible 123-4	Old & New Testament Survey	6

English

English 111-2	English Composition	6
English 201-2 or English 304-5 or English 345-6	Survey of English Literature Survey of American Literature Survey of World Literature	6
English 354	Children's Literature	3
Speech 201	Elementary Speech	3

Foreign Language

Foreign Language 211-2	Intermediate: Latin, German French, Greek or Spanish	6
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Health and Physical Education

(Should total 12 hours)

Health and Physical Ed. 101-2, 201-2	Activity	4
Health and Physical Ed. 250 (Health and Physical Ed. 251, 254 or 354 may be substituted for Health and Physical Ed. 250)	Health Education	3
Health and Physical Ed. 203	Physical Ed. for Public Schools	2
Sociology 303	Family	3

Mathematics

Mathematics 103-4	Fundamental Concepts	6
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Psychology

Psychology 151	Introduction to Psychology	3
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Social Sciences

(choose 12 hours)

History 203-4	American History	
Economics 201-2	Principles of Economics	
History 113-4	History of Civilization	
Sociology 301	Sociological Theory	
Geography 103	World Geography	12

Music and Art

Music 351	Music in the Elementary School	3
Music 242 or Art 320	Music Appreciation or, Art Appreciation	3
Art 311	Art for Elementary Teachers	3

Science

(Choose 12 hours)

Chemistry 101-2	Inorganic Chemistry	
Biology 111-2	Gen. Botany & Zoology	
Biology 205	Science for the Grades	12

Professional Education

Psychology 252	Developmental Psychology	4
Psychology 404	Educational Psychology	3
Education 407	History & Philosophy of Education	3
Education 411-A	Teaching of Reading	3
Education 412	M & M of Elementary Teaching ..	3
Education 421	Directed Teaching	8

ELEMENTARY MAJORS

The elementary education student will take an academic major in addition to the general education courses and the professional education course requirements in the elementary education curriculum. These majors are designed to be especially functional for the student who plans to do modern team teaching.

English

Course No.	Title
English 111-2	English Composition
English 201-2	Survey of English Literature
English 304-5	Survey of American Literature
English 311	Advanced Grammar
English 354	Children's Literature
English 461 or 462	Shakespeare

History

History 113-4	History of Civilization
History 203-4	American History
Twelve hours to be selected from:	
History 303-4	History of American Diplomacy
History 313	Problems in Contemporary Civilization
History 331-2	History of England
History 361	History of Russia
History 362	History of the Near East
History 363	History of the Far East
History 371-2	Latin American History
History 401-2	Intellectual History of the Western World

Foreign Language

Eighteen hours of German, French or Spanish

Bible

Bible 123-4	Old & New Testament Survey
Bible 201	The Life of Christ
Bible 202	The Book of Acts
Bible 301-2	Prophets
History 341-2	Church History

Education

Religious Education

Religious Ed. 261
Religious Ed. 304
Religious Ed. 306
Bible 123-4
Bible 201
Bible 202
Bible 301-2
History 341-2

Mathematics

Mathematics 103-4
Mathematics 110
Mathematics 215
Mathematics 307
Mathematics 308

Psychology

Psychology 151
Psychology 152
Psychology 252
Psychology 250
Psychology 404
Psychology 356

Psychology 359

Psychology 355 or
Psychology 448

Health and Physical Education

Health and Physical Ed. 203
Health and Physical Ed. 250
Health and Physical Ed. 251 or
Health and Physical Ed. 254
Health and Physical Ed. 303

Health and Physical Ed. 305

Health and Physical Ed. 306
Health and Physical Ed. 307 or
Health and Physical Ed. 308
Health and Physical Ed. 311
Health and Physical Ed. 312
Health and Physical Ed. 313
Health and Physical Ed. 354
Health and Physical Ed. 401
Health and Physical Ed. 404

Introduction to Christian Education
M & M of Christian Education
Christian Education of Adults
Old Testament Survey
Life of Christ
Acts
Prophets
Church History

Fundamental Concepts
Algebra and Trigonometry
Geometry
Linear Algebra
Abstract Algebra

Introduction to Psychology
General Psychology
Developmental Psychology
Social Psychology
Educational Psychology
Psychology of Personality
Adjustment
Statistics in Psychology and
Education
Literature and Psychology
Experimental Psychology

Physical Education for Public Schools
Health Education
Personal Hygiene
Community and School Hygiene
Theory and Technique of Training
and Conditioning
Folk Games and Other Rhythmic
Activities
Adaptive Physical Education
Tumbling, Stunts, and Conditioning
Tumbling, Stunts, Pyramids
Team Sports for Women
Adult Recreative Sports
Coaching Major Sports for Men
Safety Education and First Aid
Swimming and Water Safety
Administration of Health and
Physical Education

SCIENCE

This curriculum is being developed at the time of the writing of this catalog. It will be offered beginning September 1968.

THE SECONDARY CURRICULUM

English

Course No.	Title	Hrs.
English 111-2	English Composition	6
English 201-2 or English 304-5 or English 345-6	Survey of English Literature Survey of American Literature Survey of World Literature	6

Music and Art

Music 242 or Art 320	Music Appreciation Art Appreciation	3
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Science

(choose 8 hours)

Chemistry 101-2 or Biology 111-2	Inorganic Chemistry Gen. Botany & Zoology	8
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Health and Physical Education

(Should total 6 hours)

Health and Physical Ed. 101-2; 201-2	Activity	4
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Health and Physical Ed. 250 (Physical Ed. 251, Physical Ed. 254 or Physical Ed. 354 can be substituted)	Health Education	3
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Sociology 303	Family	3
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Social Science

(choose 12 hours)

History 113-4	History of Civilization	
History 203-4	American History	
Economics 201-2	Principles of Economics	
Sociology 301	Sociological Theory	12

Mathematics

Math 111-2 or Math 105-6	Algebra & Trigonometry Finite Mathematics	5 or 6
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Psychology

Psychology 151	Introduction to Psychology	3
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Bible

Bible 123-4	Old & New Testament Survey	6
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Foreign Language

Language 211-2	Intermediate: Latin, Greek, French. or Spanish	6
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Education

Professional Education

Psychology 252	Developmental Psychology _____	4
Psychology 404	Educational Psychology _____	3
Education 407	History and Philosophy of Education _____	3
Education 471*	M & M of Secondary Education ..	3
Education 472	M & M of Secondary Education ..	3
Education 481	Student Teaching _____	8

*Education 471 may be a methods course in a specific discipline such as Teaching of English, Teaching of Music in the Secondary School, etc.

MAJORS AND MINORS

Secondary majors and minors should be chosen from the following disciplines: Bible, Biology, Business Administration, Chemistry, English, Foreign Languages, Health and Physical Education, History, Mathematics, Music, Secretarial Science, Social Studies.

252—DEVELOPMENTAL PSYCHOLOGY—See Psychology 252.

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

GUIDANCE COUNSELING

Students wishing to certify as guidance counselors in secondary schools can do so by taking eighteen hours of work in the guidance and counseling field. Before permanent certification can be completed the student will have to complete two or three years of successful teaching.

301—HISTORY AND PHILOSOPHY OF GUIDANCE—To ac-

Education

quaint the student with the philosophical basis upon which a guidance program is built. Three semester hours.

302—ORGANIZATION AND ADMINISTRATION OF GUIDANCE PROGRAMS—Responsibilities of administrators, teachers, and counselors in the guidance program. Three semester hours.

361—PRINCIPLES OF GUIDANCE—Attention is given to the factors necessary for effective guidance as an integral part of the total school program. 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.

490—PROBLEMS IN PERSONNEL AND GUIDANCE—This is an independent study plan for students planning graduate work. The student will define a problem and work under a faculty member. One to three 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 to those who are directing their activity to premedical, pre dental, and other prebiological disciplines.

The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses, which must include Biology 101, 102, 104, and 403; twelve hours of chemistry, including Chemistry 301; and Mathematics 111 and 112, or 110. A chemistry minor is suggested.

For the Bachelor of Science degree, the requirements are thirty-two hours of biology courses, including Biology 101, 102, 104, 311, and 403; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, or 110, with calculus recommended; and Physics 201 and 202. Completion of the intermediate year of a foreign language, preferably German or French is required for both the Bachelor of Science and the Bachelor of Arts degrees.

A biology minor must include Biology 101, 102, 104 and one elective biology course.

101—GENERAL ZOOLOGY—A study of fundamental biological concepts, including cells and cellular activities, reproduction, and organization of the animal body, with considerable reference to

Biology

human biology. Three hours lecture, one three-hour laboratory period. Biology 102 or 104 may follow this course in order to complete eight hours biological science. Four semester hours.

102—PLANT BIOLOGY—A study of the plant kingdom, with emphasis upon the performance of functions essential to maintenance of the individual and of the race. Unity of life is stressed, with frequent reference of principles and functions to human life. Prerequisite: Biology 101. Three hours lecture and one three-hour laboratory. Four semester hours.

104—GENERAL ZOOLOGY—A study of selected animal phyla, with stress upon performance of essential functions and the structures by which they are performed, relationships within and between animal groups, and the application of biological principles to the human body. Laboratories stress both structure and function and are designed to develop skill in dissection. Prerequisite: Biology 101. Three hours lecture, one three-hour laboratory. Four semester hours.

201—INVERTEBRATE ZOOLOGY—Attention is given to the different invertebrate groups as to structure, physiology, taxonomy, ecology, and geographical distribution, and importance to man. Laboratories include field studies and collections. Prerequisites: Biology 101 and 104. Two lectures and two laboratories. Four semester hours.

202—VERTEBRATE ZOOLOGY—This study presents the basic principles and theories relating to distribution, specialization, and behavior of the vertebrates, with much laboratory emphasis on field studies. Prerequisites: Biology 101, 104. Two lectures and two laboratory periods. Four semester hours.

203—ANATOMY AND PHYSIOLOGY—A study of the bones, muscles, and other organ systems in relation to physical development. Designed especially for the general student and those interested in Physical Education; not for pre-medical, pre-dental, or Biology majors. Three lectures and one laboratory period. Prerequisites: Biology 101, 104. Offered the first semester each year. Four semester hours.

205—SCIENCE FOR THE GRADES—This course is designed for elementary school teachers. It stresses science materials, conserva-

tion, health, and methods of preparing subject material. Not applicable toward a major or minor. Four semester hours.

303—MICROBIOLOGY—A basic course including the preparation of media, culture, methods, sterilization, isolation, staining, and identification of micro-organisms. Prerequisites: Biology 101, 102, or 104, Chemistry 101 and 102. Two lectures and two laboratory periods. Alternate years. Four semester hours.

304—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. Prerequisites: Biology 101, 104. Two lectures and two laboratories. Alternate years. Four semester hours.

309—GENERAL PHYSIOLOGY—A study of the basic principles of physiology as related to the cell, tissues, organs, and organ systems in animals, with special emphasis on physico-chemical aspects. Prerequisites: Biology 101 and 104; Chemistry 101 and 102; Chemistry 301 strongly recommended. Two lectures and two laboratories. Four semester hours.

311—ANIMAL HISTOLOGY—A study of the microscopic structure of the various types of tissues found in vertebrates, with the theory and application of the various methods of their preparation for examination. Prerequisites: Biology 101, 104; Chemistry 101, 102. Two lectures and two laboratories. Four semester hours.

312—GENERAL ECOLOGY—Relations between organisms and their environment, factors affecting plant and animal structure, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 101, 102 or 104. Three lectures, and one three-hour laboratory. Four semester hours.

402—ELEMENTARY GENETICS—Fundamental principles of heredity. Prerequisite: Biology 101, 102 or 104. Three lectures and one three-hour laboratory. Four semester hours.

403—COMPARATIVE VERTEBRATE ANATOMY—A systematic and comparative study of the principal systems of the vertebrates. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

Biology

404—VERTEBRATE EMBRYOLOGY—A study of the general principles of vertebrate development from the fertilized egg to the formation of tissues and organs. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

411-412—SEMINAR IN BIOLOGY—A detailed analysis of selected problems relating to biology. Topics of study vary each semester according to the particular interests of students in the seminar. One semester hour each semester.

490—FIELD BIOLOGY—Special problems in biology; may include work completed at the Mid-Appalachia College Council Teaching and Research Center located on Norris Lake. Variable course content. Variable 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.

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.

Mathematics

105-106—FINITE MATHEMATICS—A study of mathematics applicable to the biological and social sciences. Topics include logic, probability, linear programming, vectors matrices, and game theory. Prerequisite: a knowledge of algebra. 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.

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.

Mathematics

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 honor's 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

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.

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 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, at least twelve of which must be on the junior and senior levels.

The courses numbered 115, 116, 203, 204, 215 and 216 constitute the basis for the major in history, and in most instances will comprise the minor.

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. Offered annually. 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. Offered annually. Not open to history majors and minors. Three semester hours.

115—ANCIENT HISTORY—A study of the development of western culture from its earliest manifestations to the end of the Roman Republic. The social, political, economic, and religious institutions of Egypt, the Near East, Greece, and Rome are examined with an effort to ascertain and appreciate their significance to the evolution of western culture. Special attention is given to the cultural synthesis which developed at the close of the period of Republican Rome. Offered annually. Three semester hours.

116—MEDIEVAL HISTORY—A study of the development of western culture from the beginning of the Roman Empire to the beginning of the Thirty Years War. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other casual factors involved in the Protestant Reformation. The beginnings of nationalism are noted, and attention is given to the beginnings of the types of economic, scientific, and political activity that provides the background for western culture today. Offered annually. Three semester hours.

203-204—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. Offered annually. Three semester hours each semester.

History

215—MODERN HISTORY—A study of the significant developments within western civilization during the period extending from the Protestant Reformation to the First World War. The scope of the study gradually enlarges until it involves a world view. Offered annually. Three semester hours.

216—CONTEMPORARY HISTORY—A study of the major events, ideas, and institutions which have played a major role in the world since the Second World War. Special attention is given to the continued growth of nationalism, efforts toward world organization, the scientific and technological changes, and the struggle between the democratic and the communist nations. Offered annually. Three 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—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 203, 204. Offered in alternate years (even). Three semester hours each semester.

313—PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems in contemporary civilization, such as revolution, nationalism, and colonialism. Offered alternate years (odd). 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: History 113-114, or 115-116 as desired. Offered alternate years (odd). 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 115-116 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 (odd). Three semester hours.

362—HISTORY OF THE NEAR EAST—A study of the development of the Near East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

363—HISTORY OF THE FAR EAST—A study of the development of the Far East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). 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 203-204. Offered as desired alternate years (odd). 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 (even). Two semester hours each semester.

403-404—HISTORIOGRAPHY—An advanced study of the principles of historical investigation and research. Offered alternate years (even). 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 (thought) 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

History

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 for 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. Three 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. Three 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. Three 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. Three semester hours.

431-432—REFORMATION OF THE NINETEENTH CENTURY—A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. 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.

History

Subjects of study vary each semester according to the particular interests of students in the seminar. Offered annually. Three semester hours each semester.

445—HISTORICAL RESEARCH—Study in 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. Psychology 250 may be one of the courses applied toward the sociology minor.

201—PRINCIPLES OF 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; social process; social organization and social change. 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, the vices, family disorganization, prejudice, with emphasis on their extent and significance. 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—CRIMINOLOGY—The nature of crime; criminal statistics; causal factors; theories and procedures in prevention and treatment. Prerequisite: Sociology 201 or 202. Three semester hours.

314—INTERGROUP RELATIONS—Racial and cultural contacts and conflicts; causes of prejudice; status and participation of mi-

Sociology

nority groups; national and international aspects of minority problems. Prerequisite: Sociology 201 or 202. Three semester hours.

401—RURAL AND URBAN SOCIOLOGY—The structure and functioning of rural and urban social life; a comparison of rural and urban social processes and social institutions; social change; the suburban phenomenon. Three semester hours.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of four classifications—Trustees, 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 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 for their commitment to the purpose of the College.

Term Expires 1970

Harlis Boling, M.D.—Physician, Mountain Home, Tennessee
Samuel C. Bower, M.D.—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

Trustees

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

Term Expires 1968

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

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

C. Howard McCorkle—*Vice Chairman*—Superintendent, City Schools, Johnson City, Tennessee

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

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

*Trustee emeritus.

OFFICERS OF ADMINISTRATION

Henry J. Dertthick	President-Emeritus
Dean E. Walker	President*
Jess W. Johnson	Executive Vice-President*
Guy Oakes	Dean
Ray E. Stahl	Director of Office of Information*
Joe P. McCormick	Assistant to the President
Phyllis D. Fontaine	Registrar
B. J. Moore	Business Manager
C. Robert Wetzell	Director of Summer School
Duard Walker	Dean of Men
Mary Perry Young	Dean of Women

*Effective June 15, 1968 Dr. Dean E. Walker will assume the office of Chancellor. Effective June 15 Dr. Jess W. Johnson will assume the office of President. Effective January 1, 1968 Mr. Ray E. Stahl will be on a year's leave of absence with faculty status.

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.

HENRY J. DERTHICK, President-emeritus (1917)

B.A., Hiram College; M.A., University of Michigan; Columbia University; LL.D., Milligan College.

DEAN EVEREST WALKER, President (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.

The Faculty

JESS W. JOHNSON, Executive Vice-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.

GUY OAKES, Dean of the College (1943)

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

RAY EMERSON STAHL, Director of Office of Information (1950)

B.A., Bethany College; Ed.M., University of Pittsburgh; B.D., Butler University; St. Vincent College; Pittsburgh School of Accountancy; University of Kentucky.

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

B.S., Milligan College.

DUARD B. WALKER, Dean of Men, Director of Athletics and 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.

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

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

HUGHES THOMPSON, Chairman of the area of Scientific Studies and Professor 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.

†Professor emeritus

The Faculty

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

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

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.

C. WARREN FAIRBANKS, Professor of Biology (1952, 1965)

B.A., Spokane University; M.S., Washington State 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, JR., 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 Professor of History (1954)

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

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

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

E. JANET RUGG, Assistant Professor 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.A., Phillips University; M.Th., Princeton Theological Seminary; Ph.D., University of Edinburgh; University of Chicago; Harvard; Marburg; Tubingen; Oxford.

†Professor emeritus

The Faculty

DOROTHY LARSON BRYANT, Assistant Professor of Christian Education (1963)

B.A., Milligan College; East Tennessee State University; Lincoln Christian College.

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.

ROWENA BOWERS, Assistant 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.

MARY LUCILE ARCHER, Assistant Librarian and Cataloger (1962)

B.S., East Tennessee State University; M.A. in L.S., George Peabody College for Teachers.

JOHN DOWD, Assistant Professor of Music (1963)*

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

ANNE BRADING DOWD, Assistant Professor of Piano (1963)*

B.M., Oberlin College; M.M., New England Conservatory of Music; Salem College.

*On leave of absence.

The Faculty

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.

WILLIAM C. GWALTNEY, JR., Assistant 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.

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.

ROY 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.

The Faculty

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.

GEORGIA HILT STEWART, Assistant Professor of Psychology (1965)

B.A., Milligan College; M.A., Columbia University; R.N., Johnston Memorial Hospital School of Nursing.

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

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

ROBERT P. BERNARD, Instructor in Music (1966)

B.A., Western University of Pacific; M.M., University of Southern California.

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.

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.

CHARLES GRESHAM, Director of Program in Religious Education, Special Lecturer in Education (1966)

A.G., Manhattan Bible College; M.R.E., D.R.E., Southwestern Baptist Theological Seminary; Central State College; Perkins School of Theology; Southern Methodist University; Phillips University; Kansas State University.

STUART CHARLES MILLIGAN, Instructor in Music (1966)

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

CAROLYN NIPPER, Instructor in English (1966)

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

ESTELLE PINKSTON, Assistant Professor of Psychology (1966)

B.S., Memphis State University; M.A., East Tennessee State University; Lambuth College; Merrill-Palmer Institute; University of Tennessee.

SUE DAVIS ADDINGTON, Instructor in English (1967)

B.A., College of William and Mary; M.A., University of Tennessee; Oxford University.

The Faculty

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

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

RACHEL BARRETT BACHMAN, Instructor in Music (1967)

B.M., Shorter College; M.M., Indiana University.

ELMER DUNN, Instructor in Mathematics (1967)

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

JEANETTE E. ELDER, Instructor in Music (1967)

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

ROBERT EWBANKS, Instructor in 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.

ALEENE GODDARD JONES, Instructor in English (1967)

B.A., M.A., University of Tennessee.

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.

RICHARD PHILLIPS, Assistant Professor of Bible (1967)

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

IRA READ, Associate Professor of History (1967)

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

MARY SANDRA SMITH, Instructor in English (1967)

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

The Faculty

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.

GARY WALLACE, Assistant Professor of Biology (1967)
B.S., M.A., Austin Peay State College; M.S., University of Tennessee.

HAL E. WILLIAMS, Assistant Professor of Mathematics (1967)
B.A., University of California at Santa Barbara; M.S., University of Southern
California; Fresno State College; San Diego State College.

ALUMNI

Graduates, former students, and holders of honorary degrees
composed of 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 1967-68

President—Duard Aldridge, assistant Principal, Science Hill
High School, Johnson City, Tennessee

First Vice-President—Joseph Sutherland, minister, First Chris-
tian Church, Kingsport, Tennessee

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

Secretary—Mrs. Ray E. Stahl, Milligan College, Tennessee

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

Directors—Mrs. Leslie Lumsden, Elizabethton, Tennessee; Mrs.
Steve Lacy, Johnson City, Tennessee

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

Endowment Funds

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. Dean Everest Walker, 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

EIGHTY-SEVENTH ANNUAL
COMMENCEMENT

JUNE 5, 1967

Bachelor of Arts Degree

Bertram S. Allen, Jr.
Katherine Louise Armstrong
Linda Sue Black
Don C. Boswell
Vera Sue Branscum
Judy Rosalyn Brown
Barbara Ann Bullis
Connie Marlene Bullock
Patsy Dale Campbell
Thomas Jackson Clark, Jr.
Thomas Lee Craften
Ernest Freddrick Dobbins
Marilyn Crawford Doolan
Jane Kathleen Evans
Carol Kay Funnell
Judith Louise Guion
Barbara Waltz Hamm
Joe Davis Harris
Gayle-Sue Harrison
Douglas Richard Haven
Duane Heath
Janet Anne Henning
Sharyn Lynne Hilbert
John Robert Hilsenbeck, Jr.
Stephen Karl Hislop
Darryl Lee Hood
Carol Lynn Horning
William Ernest Hull
Amelia Norine Hyder
Billy Lamar Judd

Duane Carlton Keeran
Robert Clifton Drew King
Kathleen Jane Larson
Kay Spencer Lewis
Robert Benjamin Leinhard
Patricia Hart Magill
William Thomas Mathes III
Helen Jane Mayer
Kenneth Arthur McCullough
Barbara Janice Moon
Joyce Elaine Perry
Diane Elizabeth Phillips
William Carl Orr
Cheryl Ann Ottenberg
Dorothy Yvonne Reddick
William Franklin Reeves
Wallace H. Robinson
Rex R. Roth
Jack Sale, Jr.
Paul R. Sargent
Nancy Carolyn Smith
Newlyn Erline Southerland
Edward Eugene Springman
Rita Spurling
Ellen Josephine Stahl
Norma June Steever
Brenda Carol Lyon Tietjen
Judith Ann Washler
Judith Kay Wilson

Bachelor of Science Degree

Richard Benny Arnold
William DeVan Blizzard, Jr.
Jeffrey Neil Brandon
Jackie Ralph Calton
Jerome Mack Caudill
Joyce Mayfield Cerovac
Lee Cerovac
Eddie Lynn Cole
Judy Hodge Crockett
Samuel Augustus Daniels
Brenda Gail Davis
Charles Eugene Dobson
Richard Alan Everroad

Dennis D. Hamilton
Lynn Hansbury
Betty Carrol Harris
L. Graydon Hessler, Jr.
Harriet Virginia Hitchner
Gene Louis Honeycutt
Rex Wayne Jackson
Carl Coy Jenkins
James Douglas Jennett
James Jackson Jessee III
Richard Thomas Johnston
Roger Allen Larson
Kermit Hobbs Looney

Linda June McBane
Robert Walter McCann
Dennis Smith McMahan
Michael Lee Miner
Paul Michael Moretz
Dana Paul Norton
Bobby Carol Osborne
Richard Shelby Rawle
Nancy Parke Ross

Jerry Dean Sheets
Gene Hale Skelton
Sylvia Snodgrass Smith
R. Stephen Steed
Jon Milton Webb
Karen Jane Webb
Curt Earl Whitright
Claude E. Williamson

HONORS

Gayle-Sue Harrison, first

Rita Spurling, second

HONORARY DEGREES

Robert Whitehall Burns, Doctor of Sacred Theology
Laurence Vernon Kirkpatrick, Doctor of Sacred Theology

SUMMER COMMENCEMENT AUGUST 18, 1967

Bachelor of Arts Degree

Jerry A. Andrews
Robert Alexander Carnes
Jerry Wayne Catron
Terry C. Crowe
Larry K. Goble
Edna Lucille Groseclose
Wanda Jean Haley
Margaret B. Jones

Rebecca Ellen McFarland
Gregory David Manley
Gary Wayne Quillen
Linda Patterson Sonnenberg
James B. Spradlin, Jr.
Glenda Stultz
L. Jay Weitzel
Brenda Willocks Tucker

Bachelor of Science Degree

Florence J. Barnett
Beverly Jean Bray
Dorothy S. Carter
Thelma L. Carter
John P. Colson
Betty Deyton
Caroline R. Deyton
U. B. Deyton
Peter Lawrence Glide
Doni Ann Cooper Koerner
Bobby Hal Lewis
Paul B. Meyer, Jr.
Mary Inez Rimer Mowell
William Donald Oakes

Dimple Bishop Payne
John Edwin Shore
Gary Marston Skidmore
Michael R. Smith
Jeffrey W. Stevens
Elizabeth Johnson Synamon
Kathryn Taylor
Richard Lee Tietjen
Roger Lynn Tipton
Bonnie Dunlap Wetzel
Edwin Rudolph Williams
David Eugene Wollett, Jr.
Roger Lance Wood

MILLIGAN COLLEGE CALENDAR

SUMMER 1968

Summer School (First Term)	June 10-July 12
Summer School (Second Term)	July 15-August 16
School of the Ministry	August 19-23

FALL 1968-69

Faculty Conference	September 3, 4, 5
Dorms Open to Freshman	September 7, 8
Freshman and Transfer Reception	September 9
Freshman Orientation	September 9, 10
Dorms Open to Upperclassmen	September 10
Registration (Freshman)	September 11
Registration (Transfer and Upperclassmen)	September 12
Classes Begin	September 13
Matriculation Ceremony	September 13 (evening)
Fall Convocation	September 15
Fall Meeting of the Board	October
Fall Recess	October 31, noon to November 5, 8:00 a.m.
Founders Day	November 29
Christmas	December 20, after last class-Jan. 7, 8:00 a.m.
Final Examinations	January 18-23

SPRING 1969

Registration	January 27, 28
Classes Begin	January 29
Spring Holidays	March 20, noon- March 26, 8:00 a.m.
Spring Meeting of the Board	March
Welshimer Lectures	February 17-20
Annie Lucas Kennedy Reading Contest	April 16
Annual Awards Dinner	May 16
Final Examinations	May 26-31
Baccalaureate	June 1
Commencement	June 2

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MILLIGAN COLLEGE BULLETIN 1969-70



MILLIGAN COLLEGE BULLETIN

MILLIGAN COLLEGE, TENNESSEE



Catalog Number

Announcements for 1969-70

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.

MILLIGAN COLLEGE BULLETIN

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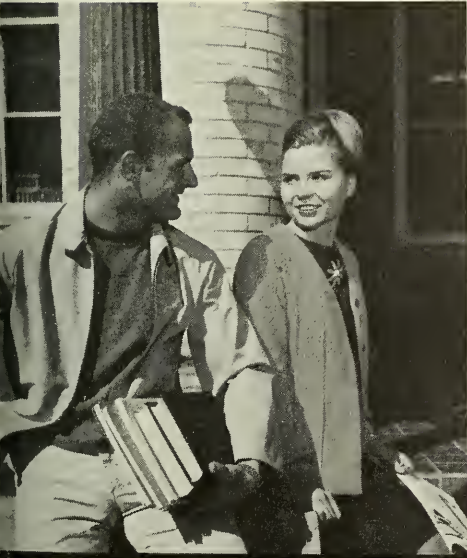
AN INTRODUCTION TO THE CAMPUS





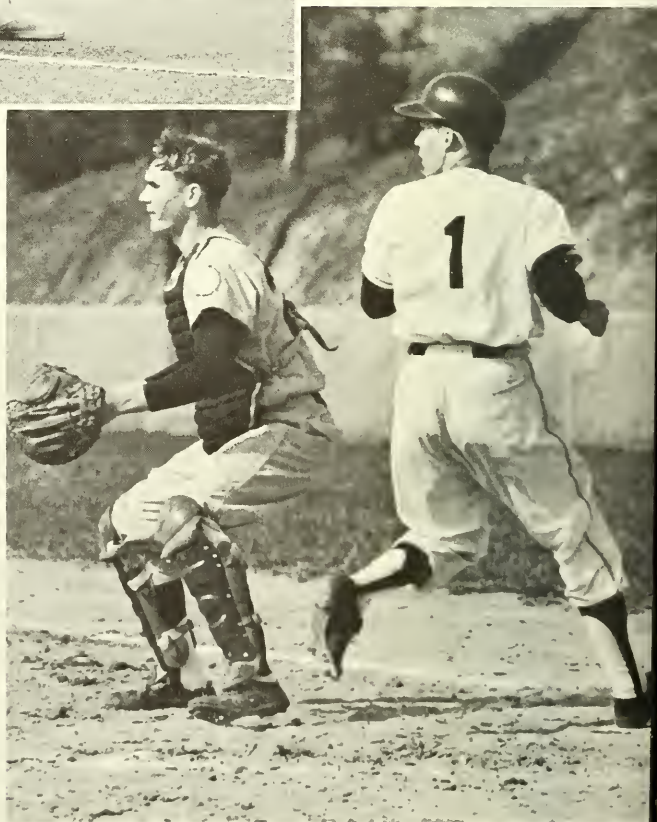












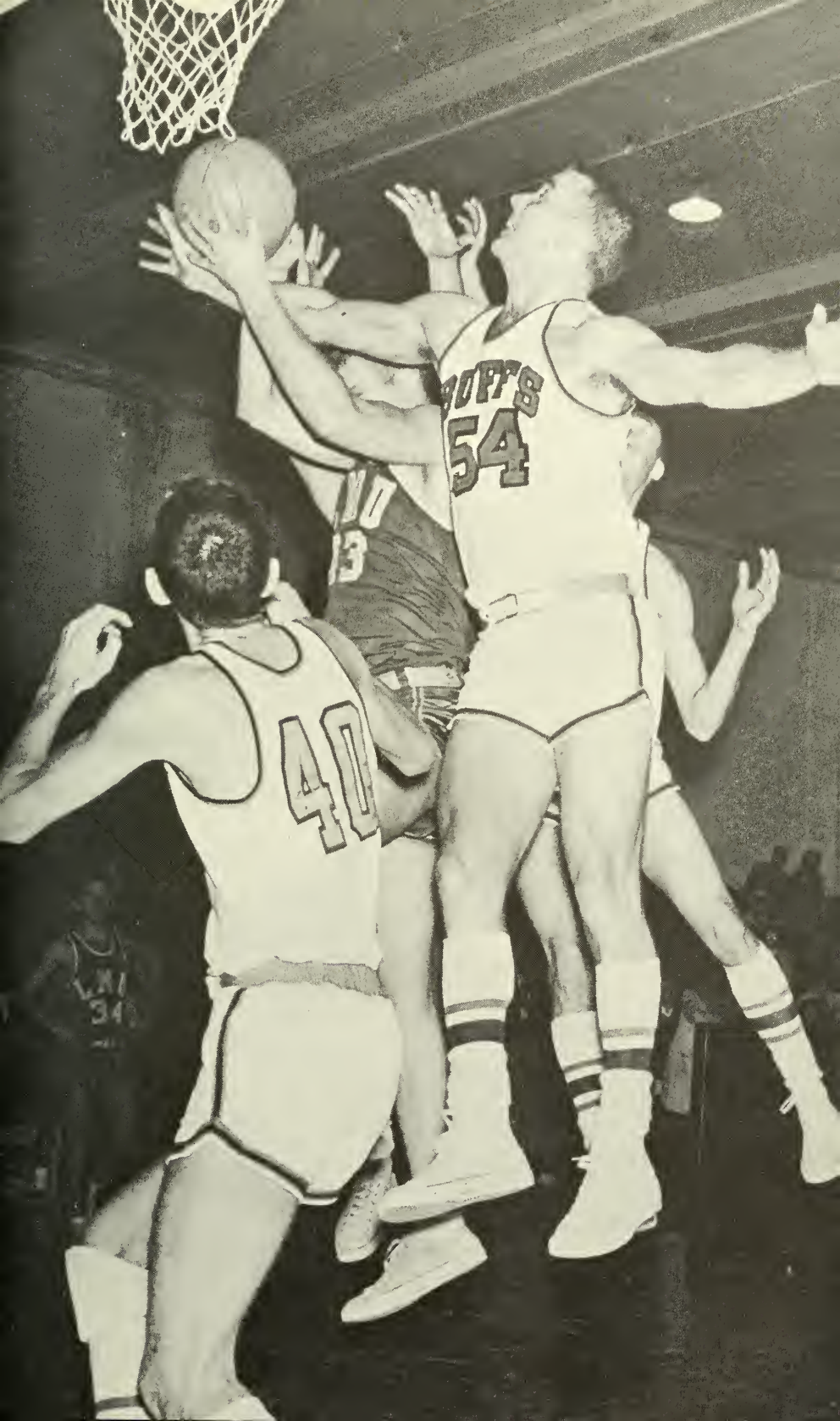








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THE NATURE OF THE COLLEGE

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 W. R. Walker Memorial Chapel and a new air-conditioned dormitory accommodating 188 women.

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.

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.

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

Character

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 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 four 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 is extended to students residing on campus after the completion of thirty (30) semester hours and sixty (60) quality points. The use of a car 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

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 Life

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 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 by the Hopwood Memorial

Christian Church adjoining the campus, 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, and once on Sunday. Attendance is required of all students at these services.

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 W. R. Walker Chapel provides a quiet place for devotions and meditations during the day. 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. Members of the Association take part in the regular chapel services. 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.

Student Life

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

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

Student Life

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 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.

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-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.

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

Student Life

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. Administrative offices and classrooms are located in this structure.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The arrangement of the 48,000 volumes and the 460 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 the Executive Vice-President 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 Reception Center is now located in the building formerly occupied by the president of the College.

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 W. R. Walker Memorial Chapel was dedicated November 24, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—182 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 Seeger Auditorium 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.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of four classifications—Trustees, 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 for their commitment to the purpose of the College.

Term Expires 1971

- Ard Hoven—S.T.D.—Minister, First Christian Church, Columbus, Indiana
- Steve Lacey, LL.D.—*Chairman*—Pure Oil Distributor, Johnson City, Tennessee
- C. Howard McCorkle—*Vice Chairman*—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 Boling, M.D.—Physician, Mountain Home, Tennessee
Samuel C. Bower, M.D.—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.

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 Wetzel	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.

HENRY J. DERTHICK, President-emeritus (1917)

B.A., Hiram College; M.A., University of Michigan; Columbia University; LL.D., Milligan College.

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 of Mathematics (1916)†

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

HUGHES THOMPSON, Professor 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.

†Professor emeritus

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.

C. WARREN FAIRBANKS, Professor of Biology (1952, 1965)†
B.A., Spokane University; M.S., Washington State 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, Assistant Professor 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.A., Phillips University; M.Th.,
Princeton Theological Seminary; Ph.D., University of Edinburgh; University
of Chicago; Harvard; Marburg; Tubingen; Oxford.

†Professor emeritus

The Faculty

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.

ROWENA BOWERS, Assistant 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.

MARY LUCILE ARCHER, Assistant Librarian and Cataloger (1962)

B.S., East Tennessee State University; M.A. in L.S., George Peabody College for Teachers.

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.

WILLIAM C. GWALTNEY, JR., Assistant 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 Tübingen; Butler University; Ohio State University.

*On leave of absence.

The Faculty

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.

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.

RACHEL BARRETT BACHMAN, Instructor in Music (1967)

B.M., Shorter College; M.M., Indiana University.

ELMER DUNN, Instructor in Mathematics (1967)

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

JEANETTE E. ELDER, Instructor in Music (1967)

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

ROBERT EW BANK, 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.

The Faculty

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.

RICHARD PHILLIPS, Assistant 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 Berkeley.

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, Associate 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.

The Faculty

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 1968-69

President—Duard Aldridge, Assistant Principal, Science Hill High School, Johnson City, Tennessee

First Vice-President—Joseph Sutherland, Minister, First Christian Church, Kingsport, Tennessee

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

Secretary—Mrs. Ray E. Stahl, Milligan College, Tennessee

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

Directors—Mrs. Leslie Lumsden, Elizabethton, Tennessee; Mrs. Steve Lacy, Johnson City, Tennessee

BOARD OF ADVISORS

Presently 39 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.

PROCEDURES

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. Forms for requesting unclassified status are available at the Registrar's office.

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)	\$327.50
*Board	210.00
Room	195.00
Student Activity Fee	38.50
TOTAL	\$771.00

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	\$28.00
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	\$17.50
Tuition each academic hour under 12	28.00
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 twenty-eight (\$28.00) 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 Carroll B. 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.

Scholarships have value only as credit toward tuition accounts.

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
¾ 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; English 111-112; Literature, six hours; Foreign Language through the intermediate level; Psychology, six hours; four hours of activities in Health and Physical Education; Biology, Chemistry, or Physics eight hours; Mathematics or Philosophy, six hours; or Fine Arts, six hours; History 203-204; 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, 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

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

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.

A major in Bible shall consist of thirty-four semester hours including the following: Bible 123, 124, 201-202, 301-302 or 251-252; History 341-342, 431-432; and Christian Ministries 275-276 or four hours of a combination of Christian Ministries and Religious Education.

A minor shall consist of eighteen hours to be arranged.

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 can be taken in the fields of English, philosophy, psychology and music. A minor can be taken in French, Greek, Spanish, German, art, and speech.

Art

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

201-202—ELEMENTARY DRAWING AND PAINTING—Fundamentals in drawing and painting. Studio problems based upon individual student's experience and skill. Two semester hours each semester.

211A—CRAFTS—Projects suitable for use in classroom, vacation school, playground, summer camp, and scout and church recreation programs for elementary school age children. Two semester hours.

211B—CRAFTS—Craft study emphasizing design and expression through creative problems. Two semester hours.

212—LETTERING—Forming and shaping letters and use of pens, brushes, and drawing instruments. Problems in lettering arrangement include signs and posters. Two semester hours.

Art

311—ART FOR ELEMENTARY TEACHERS—Designed to acquaint the elementary education student with objectives, materials, and methods for elementary school art program. Laboratory experiences, reading, and discussion. Three semester hours.

320—ART APPRECIATION—An introduction to sculpture, architecture, painting, and the minor arts. Three semester hours.

420—ART HISTORY: PREHISTORIC THROUGH RENAISSANCE—A survey of sculpture, architecture, painting, and the minor arts. Three semester hours.

421—ART HISTORY: 17th CENTURY THROUGH CONTEMPORARY—Continuation of 420. Prerequisite: Art 420. Three semester hours.

English and Speech

The aims of the field of English are to teach the student to hear and write clearly and effectively, to read with appreciation and enjoyment, to acquire a knowledge of the major literary work in English, and to construct intelligent standards for the critical evaluation of literature and the recognition of main trends.

The major in English consists of thirty semester hours which must include English 201-202, 304-305, 311 and 461 or 462. The remaining twelve hours are elective, six of which must be on the senior level. The other six 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 consists of English 201-202, 304-305, and twelve hours of electives on the junior or senior level.

English 111-112 is a prerequisite for all English courses, and does not count toward the English major or minor.

The speech curriculum is designed as an interdisciplinary offering for the student planning a career in the business professions, public relations, education, professional, political or other public service. It also contributes to an over-all understanding of mass communication, both historical and contemporary.

Students minoring in speech will complete eighteen semester

hours. The required courses for the minor are Speech 121, 211, 301, and 401.

COMPOSITION

111-112—ENGLISH COMPOSITION—A six-hour course covering two semesters. The principal means of instruction are the reading and discussion of essays and articles with frequent practice in expository writing. 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.

LITERATURE

201-202—SURVEY OF ENGLISH LITERATURE—A study of the life and literature of the English people with special attention to the writings of the major authors. Collateral reading in the English novel. Three semester hours each semester.

301—THE ROMANTIC MOVEMENT IN POETRY—A study of the ideals and works of Gray, Thomson, Cowper, Blake, Burns, Wordsworth, Coleridge, Shelley, Byron, and Keats. Alternate years. Three semester hours.

302—VICTORIAN LITERATURE—A study of the social, scientific, literary, and religious ideals of the Victorian period as represented in Newman, Macaulay, Carlyle, Ruskin, Arnold, Huxley, and the poetry of Tennyson and Browning. Alternate years. Three semester hours.

304-305—SURVEY OF AMERICAN LITERATURE—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading 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.

345—WORLD LITERATURE—Ancient classics to Renaissance.

English and Speech

Reading and analysis of selected translations of literature from Homer to Dante. Three semester hours.

346—EUROPEAN LITERATURE—Renaissance to the present. Reading and analysis of selected translations of European literature from Cervantes 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. Part of English major for elementary education students. Three semester hours.

355—LITERATURE AND PSYCHOLOGY—(See Psychology 355).

361-362—THE NOVEL—A study of the history and development of the novel as a literary type with special emphasis on the British novel the first semester and the American novel the second semester. Alternate years. Three semester hours each semester.

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

402—THE SHORT STORY—A study of the development of the short story, with some attention to creative writing. Three semester hours.

411-412—CONTEMPORARY LITERATURE—A study of the major literary influences in and upon Twentieth Century fiction, poetry, and drama. A seminar course emphasizing independent reading and discussion. Three semester hours each semester.

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

432—SEVENTEENTH CENTURY LITERATURE—A study of the rise and decline of Neo-Classicism with an emphasis on the writings of Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

433—THE EIGHTEENTH CENTURY—A study of the rise and decline of Neo-Classicism with an emphasis on the writings of

Addison, Steele, Pope, Swift, Johnson, Goldsmith, and Burke. Alternate years. Three semester hours.

461—SHAKESPEARE—A study of Shakespeare's tragedies. Collateral reading of Shakespeare's contemporaries: Kyd, Marlowe, Johnson, Dekker, Heywood, and Webster. Three semester hours.

462—SHAKESPEARE—A study of a selected group of Shakespeare's histories and comedies. Attention also given to his sonnets. 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. Offered both semesters. One to three semester hours.

SPEECH

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.

241—DRAMATIC PRODUCTION AND DIRECTION—Study of the various elements in the production of a play: acting, stagecraft, 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.

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.

English and Speech

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.

346—PERSUASION AND 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.

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.

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.

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.

Foreign Language

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

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 as teachers. Milligan College offers both a major and a minor in music.

Students who participate in the music classes and ensembles of Milligan College should realize that this is an experience in aesthetics. The creative imagination and accomplishment which the student achieves in these programs should illuminate his insights to increase his ability toward continued aesthetic creativity or toward enriched performance in other areas besides music.

The music major includes Music 143-144, 243-244, 381-382, eight hours of a primary performance emphasis, four hours of a secondary performance emphasis, and eight hours of ensemble. The music minor includes Music 143-144, 381-382, four hours of a primary performance emphasis, two hours of a secondary performance emphasis, and eight hours of ensemble. The music education stu-

Music

dent should add to those courses required of a major: Music, 363, 364, 451, 452.

Each music major will select a primary performance emphasis and a secondary performance emphasis in the areas of piano, voice, or organ.

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 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, the structure of scales, intervals, triads, and chords. Development of the ability to sing at sight and write from dictation. Beginning analysis of the J. S. Bach chorale style, and construction of cadential 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 the 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. Prerequisite: Music 243-244. Three semester hours.

344—*ORCHESTRATION*—A study of instrumentation and principles governing the combination of musical sounds in orchestral ensemble. Prerequisite: Music 244. 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.

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.

CHURCH MUSIC

371—CHURCH MUSIC—A study of church music, its philosophy, functions, and evolution. Three lectures per week. Three semester hours.

372—HYMNOLOGY—A survey of the hymn literature of the Protestant Christian Church, with consideration of literary, sociological, and religious forces affecting the creation of hymn poetry and hymn tunes. Three lectures per week. Three semester hours.

373—CHURCH CHOIR METHODS AND MATERIALS—A study of the various methods used in the development and training of today's church choir. Also a study of the various materials available to the church choir. Three lectures per week. Three semester hours credit.

375—GRADED CHOIR METHODS AND MATERIALS—A survey of today's Graded Choir Program, its beginning and development, as well as the methods and materials used in directing and training a graded choir program. Three lectures each week. Three semester hours credit.

MUSIC EDUCATION

Entrance Requirements—Each student, at entrance, will be expected to demonstrate a modicum of proficiency in some acceptable medium of musical performance. Students planning to teach school music should include in their precollege preparation a proficiency on a principal instrument (or in voice), some ability on a minor instrument or instruments, and the development of a functional keyboard facility. The precollege experience for the prospective music teacher should include a variety of vocal and instrumental experience in ensembles, both large and small. Knowledge of the fundamentals of music theory and some background of information about music history and literature also will be helpful to anyone who plans a career in music teaching.

351—MUSIC IN THE ELEMENTARY SCHOOL—Not open to music majors. Designed for elementary school teachers. A study

Music

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 minors. Studies in the area of musical 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 during the spring semester of each year. The senior student may then be advised by the music faculty to perform a public recital.

Piano

Entrance Requirements—The piano student should be grounded in correct touch and reliable technique and have acquired systematic methods of practice. He should also play all major and minor scales in moderate tempo and demonstrate basic sight-reading skill.

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

Entrance Requirements—The voice student should sing on pitch, with correct phrasing and musical intelligence, a standard song in good English (the simpler classics are recommended). He should read a simple song at sight and understand the rudiments of music. He should also have elementary ability in piano performance.

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. One semester hour.

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

Organ

Entrance Requirements—Same as those applying to piano plus ability to play Bach Two-Part Inventions, Little Preludes, and the easier Mozart and Beethoven sonatas.

112-412—INDIVIDUAL INSTRUCTION—One semester hour for each half-hour lesson.

160—INDIVIDUAL INSTRUCTION—This is for non-music majors 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

Music

majors and music minors. Placement and number of ensembles allowed, with the exception of Chapel Choir, will be determined by the student's ability as judged by the auditioning committee. Auditions held prior to registration for fall semester.

131-132—Freshman Level

231-232—Sophomore Level

331-332—Junior Level

431-432—Senior Level

CHAPEL CHOIR—A large choir open to all students without audition. This choir sings during the regular chapel hour on campus, as well as participating in other musical activities. Two rehearsals each week.

MILLIGAN CHORALE—Mixed chorus: Programs chosen from the best in choral literature. Winter and Spring Concerts. Three to five rehearsals each week. Limited outside engagements.

CHAMBER SINGERS—A small mixed chorus of selected singers to study and perform varied repertoire. Limited outside engagements.

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 ability and musicianship required. Annual spring tour.

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 only required courses for a minor are Philosophy 301 and 302.

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.

351-352—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.

Philosophy

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.

457—SEMINAR IN EXISTENTIALISM—(see Psychology 457).

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.

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—PRINCIPLES OF 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. 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.

404—EDUCATIONAL PSYCHOLOGY—Introduction to the field of educational psychology. Treatment of growth and develop-

Psychology

ment 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.

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.

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

456—READING SEMINAR IN PSYCHOLOGY—A discussion seminar for those completing their majors. Presentations by staff of 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 three divisions: business administration, economics, and secretarial science.

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. A student minoring in business administration and economics must complete eighteen semester

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hours including: Business Administration 211-212; Economics 201-202; and six hours of business or economics electives.

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.

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 an elective, 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 in this section of the catalog. Secretarial science minors should complete eighteen hours of these courses.

An intensive two-year 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; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; Mathematics 105-106.

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. 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 processes of management to selected areas. Studies of individual firms are discussed. 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

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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

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 (205 or 206), 208, 300 or 302, 301, 304, 403, 404, and 406; Health 111, 311, 411 and an elective three hours from: Health 211, Sociology 303 or Psychology 253; and Biology 203.

A minor in Health and Physical Education consists of twenty-four hours including the following: Physical Education 103, 203, 204 (205 or 206), 208, 300, 301, 403 and 404; 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.

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

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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

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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.

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

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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.

252—DEVELOPMENTAL PSYCHOLOGY—See Psychology 252.

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

GUIDANCE COUNSELING

Students wishing to certify as guidance counselors in secondary schools can do so by taking eighteen hours of work in the guidance and counseling field. Before permanent certification can be completed the student will have to complete two or three years of successful teaching.

301—HISTORY AND PHILOSOPHY OF GUIDANCE—To acquaint the student with the philosophical basis upon which a guidance program is built. Three semester hours.

302—ORGANIZATION AND ADMINISTRATION OF GUIDANCE PROGRAMS—Responsibilities of administrators, teachers, and counselors in the guidance program. Three semester hours.

361—PRINCIPLES OF GUIDANCE—Attention is given to the

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factors necessary for effective guidance as an integral part of the total school program. 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.

490—PROBLEMS IN PERSONNEL AND GUIDANCE—This is an independent study plan for students planning graduate work. The student will define a problem and work under a faculty member. One to three 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 to those who are directing their activity to premedical, pre dental, and other prebiological disciplines.

The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses, which must include Biology 101-102, and 403; twelve hours of chemistry, including Chemistry 301; and Mathematics 111 and 112, or 110. A chemistry minor is suggested.

For the Bachelor of Science degree, the requirements are thirty-two hours of biology courses, including Biology 101-102, 311, and 403; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, or 110, with calculus recommended; and Physics 201 and 202. Completion of the intermediate year of a foreign language, preferably German or French is required for both the Bachelor of Science and the Bachelor of Arts degrees.

A biology minor must include Biology 101-102, and two elective biology courses.

101-102—GENERAL BIOLOGY—A study of fundamental biological concepts of plants and animals, including cells and cellular activities, reproduction, and organization of the organisms. Plant functions, essential to maintenance of the individual and the race,

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are stressed as well as the interrelationships of the various phyla. The animal kingdom is approached through the interrelationships of the phyla and the progressive development of each phyla. Stress is put upon performance of essential functions and upon the structures by which they are performed with considerable emphasis placed on the human body. Laboratories stress both structure and function and are designed to develop skill in dissection. Three hours lecture; one three-hour laboratory. Four semester hours.

103—BIOLOGICAL SCIENCE—An introduction to the principles of biology. Emphasis is placed upon the development of concepts within both the botanical and zoological domains. Noncredit toward a major or minor in science. Four semester hours.

201—INVERTEBRATE ZOOLOGY—Attention is given to the different invertebrate groups as to structure, physiology, taxonomy, ecology, and geographical distribution, and importance to man. Laboratories include field studies and collections. Prerequisites: Biology 101-102. Two lectures and two laboratories. Four semester hours.

202—VERTEBRATE ZOOLOGY—This study presents the basic principles and theories relating to distribution, specialization, and behavior of the vertebrates, with much laboratory emphasis on field studies. Prerequisites: Biology 101-102. Two lectures and two laboratory periods. Four semester hours.

203—ANATOMY AND PHYSIOLOGY—A study of the bones, muscles, and other organ systems in relation to physical development. Designed especially for the general student and those interested in Physical Education; not for pre-medical, pre-dental, or Biology majors. Three lectures and one laboratory period. Offered the first semester each year. Four semester hours.

205—SCIENCE FOR THE GRADES—This course is designed for elementary school teachers. It stresses science materials, conservation, health, and methods of preparing subject material. Not applicable toward a major or minor. Four semester hours.

303—MICROBIOLOGY—A basic course including the preparation of media, culture, methods, sterilization, isolation, staining, and identification of micro-organisms. Prerequisites: Biology 101-102,

Chemistry 101 and 102. Two lectures and two laboratory periods. Alternate years. Four semester hours.

304—**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. Prerequisites: Biology 101-102. Two lectures and two laboratories. Alternate years. Four semester hours.

309—**GENERAL PHYSIOLOGY**—A study of the basic principles of physiology as related to the cell, tissues, organs, and organ systems in animals, with special emphasis on physico-chemical aspects. Prerequisites: Biology 101-102; Chemistry 101 and 102; Chemistry 301 strongly recommended. Two lectures and two laboratories. Four semester hours.

311—**ANIMAL HISTOLOGY**—A study of the microscopic structure of the various types of tissues found in vertebrates, with the theory and application of the various methods of their preparation for examination. Prerequisites: Biology 101-102; Chemistry 101, 102. Two lectures and two laboratories. Four semester hours.

312—**GENERAL ECOLOGY**—Relations between organisms and their environment, factors affecting plant and animal structure, behavior and distribution, energy and material cycles, populations. Prerequisite: Biology 101-102. Three lectures, and one three-hour laboratory. Four semester hours.

402—**ELEMENTARY GENETICS**—Fundamental principles of heredity. Prerequisite: Biology 101-102. Three lectures and one three-hour laboratory. Four semester hours.

403—**COMPARATIVE VERTEBRATE ANATOMY**—A systematic and comparative study of the principal systems of the vertebrates. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

404—**VERTEBRATE EMBRYOLOGY**—A study of the general principles of vertebrate development from the fertilized egg to the formation of tissues and organs. Prerequisite: Biology 202. Two lectures and two laboratory periods. Four semester hours.

Biology

411-412—SEMINAR IN BIOLOGY—A detailed analysis of selected problems relating to biology. Topics of study vary each semester according to the particular interests of students in the seminar. One semester hour each semester.

490—FIELD BIOLOGY—Special problems in biology; may include work completed at the Mid-Appalachia College Council Teaching and Research Center located on Norris Lake. Variable course content. Variable 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.

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

Mathematics

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 differentiable 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.

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.

Mathematics

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.

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 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.

History

The major in history consists of thirty hours, at least twelve of which must be on the junior and senior levels.

The courses numbered 115, 116, 203, 204, 215 and 216 constitute the basis for the major in history, and in most instances will comprise the minor.

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. Offered annually. 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. Offered annually. Not open to history majors and minors. Three semester hours.

115—ANCIENT HISTORY—A study of the development of Western culture from its earliest manifestations to the end of the Roman Republic. The social, political, economic, and religious institutions of Egypt, the Near East, Greece, and Rome are examined with an effort to ascertain and appreciate their significance to the evolution of Western culture. Special attention is given to the cultural synthesis which developed at the close of the period of Republican Rome. Offered annually. Three semester hours.

116—MEDIEVAL HISTORY—A study of the development of Western culture from the beginning of the Roman Empire to the beginning of the Thirty Years War. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other casual factors involved in the Protestant Reformation. The beginnings of nationalism are noted, and attention is given to the beginnings of the types of economic, scientific, and political activity that provides the background for Western culture today. Offered annually. Three semester hours.

203-204—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. Offered annually. Three semester hours each semester.

215—MODERN HISTORY—A study of the significant developments within Western civilization during the period extending from the Protestant Reformation to the First World War. The scope of the study gradually enlarges until it involves a world view. Offered annually. Three semester hours.

216—CONTEMPORARY HISTORY—A study of the major events, ideas, and institutions which have played a major role in the world since the Second World War. Special attention is given to the continued growth of nationalism, efforts toward world organization, the scientific and technological changes, and the struggle between the democratic and the communist nations. Offered annually. Three 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—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 203, 204. Offered in alternate years (even). Three semester hours each semester.

313—PROBLEMS IN CONTEMPORARY CIVILIZATION—An advanced study of selected problems in contemporary civilization, such as revolution, nationalism, and colonialism. Offered alternate years (odd). 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: History 113-114, or 115-116 as desired. Offered alternate years (odd). 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

History

given to the causes, principles, and history of Protestantism. Offered annually. History 113-114 or 115-116 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 (odd). Three semester hours.

362—HISTORY OF THE NEAR EAST—A study of the development of the Near East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). Two semester hours.

363—HISTORY OF THE FAR EAST—A study of the development of the Far East, with special reference to those ideas and institutions which bear upon contemporary events. Offered alternate years (even). 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 203-204. Offered as desired alternate years (odd). 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 (even). Two semester hours each semester.

403-404—HISTORIOGRAPHY—An advanced study of the principles of historical investigation and research. Offered alternate years (even). 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 (thought) 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 for 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. Three 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. Three 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. Three 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. Three semester hours.

431-432—REFORMATION OF THE NINETEENTH CENTURY—A study of the background, issues, and courses of the Nineteenth and Twentieth Century efforts to restore New Testament Christianity. Prerequisite: History 341-342. 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.

History

Subjects of study vary each semester according to the particular interests of students in the seminar. Offered annually. Three semester hours each semester.

445—HISTORICAL RESEARCH—Study in 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. Psychology 250 may be one of the courses applied toward the sociology minor.

201—PRINCIPLES OF 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; social process; social organization and social change. 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, the vices, family disorganization, prejudice, with emphasis on their extent and significance. 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—CRIMINOLOGY—The nature of crime; criminal statistics; causal factors; theories and procedures in prevention and treatment. Prerequisite: Sociology 201 or 202. Three semester hours.

314—INTERGROUP RELATIONS—Racial and cultural contacts and conflicts; causes of prejudice; status and participation of mi-

nority groups; national and international aspects of minority problems. Prerequisite: Sociology 201 or 202. Three semester hours.

401—RURAL AND URBAN SOCIOLOGY—The structure and functioning of rural and urban social life; a comparison of rural and urban social processes and social institutions; social change; the suburban phenomenon. Three semester hours.

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
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The Elizabethton Endowment Fund
The Ministerial Scholarship Fund of the Erwin Christian Church
The Milligan College Building and Endowment Fund
The McCowan Fund
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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

EIGHTY-EIGHTH ANNUAL COMMENCEMENT

JUNE 3, 1968

Bachelor of Arts Degree

Jo Ann Alligood
Danny Joe Anderson
Sarah Lynn Atha
Harold Grant Baker
Marilyn Banks
Richard Francis Barnard
Joseph Michael Biddle
Nancy Jean Bowen
Thomas Wade Bunting
Carolyn Sue Clark
Thomas E. Clark
Diann Rae Cowley
Robin Lynne Craig
Mary Ruth Dickson
Dean Alfred Everhart
Daniel A. Gastineau
Irene Ivins Hansbury
Kathryn Louise Hayes
David Alan Hoffman
Harry B. Hopson
Lawrence Eugene Huff
Alan Wayne Hughes
Sue Schooley Hughes
Wandaleen James
Donald Richard Jeanes
Tilda Jane Jones
Shirley Joy Kleiner
Lloyd Alan Knowles
Mac Lawrence Lee
John Graeme Macdonald

Alice Joanne McDowell
Betty Jaue Smith McNew
James Shade Morris, Jr.
Jo Dean Neese
Alta Kay Nighbert
Joe Kern Noe
Becky Jane Ormandy
Linda Kay Patton
Penalee Ann Phillips
Gary Douglas Porter
James Alan Ray
Barbara Limerick Robinson
Richard Edgar Rowan
Sue Ann Selmer
Timothy Byron Sharpe
Elizabeth DeVares Shields
Gloria Wright Shore
Dan Sipes
Cathy Lavonne Smith
Joyce Keilman Smith
Nancy Anne Smith
Roger Keith Smith
Woodrow Michael Smith
Sheryl L. Walker
Linda Kay Walters
Thomas R. Wigal
Richard Lyle Williamson
Ellen Jane Wilson
William Lawrence Worcester
Melinda Elaine Young

Bachelor of Science Degree

Michael Theodore Boatright
Patricia Cross Bower
Barbara Lee Bradford
Ruth Ellis Buchanan
Paula Goodwin Buskell
Robert Douglas East, Jr.
Eddie E. Ellis
John A. Elsea
Jimmie Lester Fink
Gerald Thomas Haase
John Herbert Haase
Margaret Carr Hardin
Donna Louise Harkey

Larry Damon Harris
James W. Hilton
Martin Dale Hudkins
Betty Mise Humphreys
Anthony Roger Ingle
Medford Herbert Jones II
William Doran Love
James C. Lowe, Jr.
Margene Ellen McBride
Valarie Jean McKeowan
Paul Edwin McKowan
Trigg Chesterfield McNew II
Donald Earl Mikesell

Warren Miller, Jr.
Gracie Ruth Moody
Jacqueline Lee Moore
James William Moore
Etta Lynn O'Dell
Sammy Lynn O'Dell
Jack Wayne Page
Matthew Robert Peterson
Vivian Fish Phair
Curtis Leroy Pittinger, Jr.
Jerald D. Plummer
Sharon Baim Rakes
Thomas Arthur Rakes
Stanley Brooks Robinson
Robert Lorson Schaff

Rebecca Black Sharpe
David R. Shepherd
John Kent Shumate
Frederick Marland Smith, Jr.
Nancy Susan Southard
Roger Lee Stiltner
Wilbur Alan Tague, Jr.
Margaret Trudell Templeton
Alice Marie Tenney
Dale Edward Underhill
Sandra Crawford Vowell
Kitty Raye Walker
Mike Stewart Watson
Carol Diane Wilson

HONORS

Joyce Keilman Smith, first

Donald Richard Jeanes, second

HONORARY DEGREES

William L. Thompson, Jr.
Doctor of Sacred Theology

Robert W. Shaw
Doctor of Sacred Theology

SUMMER COMMENCEMENT *AUGUST 17, 1968*

Bachelor of Arts Degree

Gerry James Atkinson
Daniel John Baker
Lawrence A. Carpenter
James Andrew Davis
Clifford J. Dull
Darryl Edward Johnson
William Floyd Martz
Rachel McGilvrey Ritchey

Sharon Covert Rogers
Amanda Ballingal Sells
Norman Rick Shafer
Donald Wayne Smith
Timothy Joe Smith
Iva Dougherty Watkins
Carolyn Roop Wilson

Bachelor of Science Degree

Claudine Hale Ball
Ella Mae Ensor Bishop
John A. Bullington
Julia Lynch Combs
Katherine Bennett Compton
Barbara Whittimore Crain
Robert Lee Davidson
Georgia B. Dougherty
Edwin Carroll Goan
Roger Alexander Golding
Robert Wayne Harris

Phyllis Whittemore Hale
John William Hughes
Linda Kay Kennedy
Joe F. McClain
Lala Mary McKinney
Edward Lee Mise
John Watson Neth III
James E. Pannell
Lillian E. Ratliff
Ruth Louise Reasor
Ruby Fuller Rednour

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