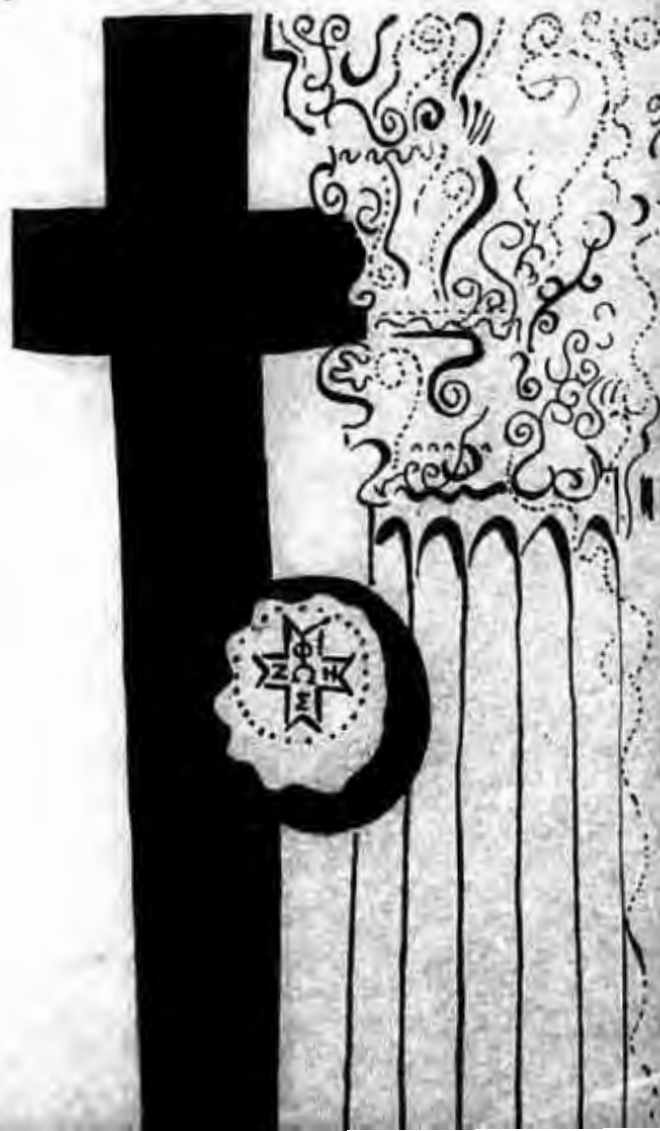


McPHERSON COLLEGE

CATALOG

1959-1960

1960-1961



Directory

Inquiries should be directed to:

McPHERSON COLLEGE

McPherson, Kansas

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Teacher Placement Merlin Frantz, Placement Bureau

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McPherson
College
Catalog

1959 - 1960

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Bulletin Issue



McPherson In Brief

McPherson College was founded in 1887. It is sponsored by the Church of the Brethren, but is open to all.

The Purpose of the college is to offer a thorough Christian liberal arts education. Included in this are pre-professional offerings, teacher preparation for elementary and secondary education, wide curricular offerings in the sciences, humanities, religion, industrial arts, home economics, rural life, music, art, physical education, and other preparations.

McPherson's Faculty is alert and well trained. The percentage of Ph. D. instructors is high. The buildings and instructional equipment are adequate and are geared to specific needs and offerings. A progressive program adds to these continuously.

Students at McPherson College help to govern themselves. Democracy and cooperation are central in the entire college program. Spiritual growth and expression are sought for in each student's life. The enrollment is from 400 to 600. Dormitories for men and women students and apartments for married couples are available.

Accreditation Is Standard. The college is fully accredited by the North Central Association of Colleges and Secondary Schools and other national, area, and state accrediting bodies.

The Degrees granted by McPherson College are the Bachelor of Arts and the Bachelor of Science. Transfer of credit to graduate schools is easily accomplished.

Costs at McPherson College are reasonable. Tuition is \$15 per semester hour. Rooms rent from \$75 to \$90 per semester, and board is by cafeteria. Total costs range from \$900 to \$1600 per year for a full time student.

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Academic Calendar

1958-1960		1960-1961
September 7-9	Enrollment, Monday through Wednesday	September 5-7
September 10	Classes Convene, Thursday, 7:45 a. m.	September 8
November 25	Thanksgiving Recess Begins, Wednesday, 12:15 p. m.	November 23
November 30	Thanksgiving Recess Ends, Monday, 7:45 a. m.	November 28
December 18	Christmas Recess Begins, Friday, 5:00 p. m.	December 16
January 5	Christmas Recess Ends, Tuesday, 7:45 a. m.	January 3
January 11-15	Enrollment for Second Semester, Monday through Friday	January 9-13
January 18-21	Final Examinations for First Semester, 3:05 p. m. Monday through 4:55 p. m. Thursday	January 16-19
January 22	Enrollment for Second Semester for New Students, Friday	January 20
January 25	Classes Convene, Monday, 7:45 a. m.	January 23
April 8	Easter Recess Begins, Friday, 5:00 p. m.	March 24
April 19	Easter Recess Ends, Tuesday, 7:45 a. m.	April 4
May 13	All Schools Day, Friday	May 12
May 24-27	Final Examinations for Second Semester, 3:05 p. m. Tuesday through 4:55 p. m. Friday	May 23-26
May 29	Baccalaureate, Sunday, 10:45 a. m.	May 28
May 29	Commencement, Sunday, 7:30 p. m.	May 28
Early June	Summer School	Early June

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Greetings
from
the
President



Dear Friend,

A study of this catalog will give you a general idea of McPherson College. Some of the things you will be interested in concern its curricular offerings, its accreditation, its faculty, its buildings, its campus, its teaching equipment. You will also want to know what McPherson has to offer in extracurricular affairs; clubs, music, athletics, opportunities for the development of a wholesome social and religious life. You may wish to study carefully the Purposes and Aims of the college. You will, of course, want to know what the expenses are.

All of these things are touched on in this catalog. We invite you to study it carefully. The table of contents on page 3 should help you find what you are looking for.

We believe that you will like McPherson College if you should choose this as your school. The McPherson College family, students and faculty alike, will welcome you into their midst and help you with your educational development.

If you wish further information feel free to write any of the persons listed inside the front cover.

Welcome to McPherson College.

D. W. Bittinger, President



General Information

Purposes and Aims . . .

McPherson College is a liberal arts college operated under the auspices of the Church of the Brethren. While it is owned by the members of the Church of the Brethren in the Western Region, it is pleased to open its doors without discrimination of any kind to all who come.

It annually enrolls students from more than half of the states of our country and from many overseas countries. It seeks particularly, however, to serve the Church of the Brethren constituency in the Western Region and students generally in the state of Kansas and in the McPherson area.

LIBERAL EDUCATION EMPHASIZED. At McPherson College the interpretation is that liberal education focuses its attention on the individual student. It interests itself in his relation to society and undertakes to help prepare him to live well in all his relationships. It seeks to help him to learn what the Good Life is and how to achieve it for himself; it aims to give him both breadth and depth of human understanding; it interests itself in making of the student a good citizen; it seeks to give him backgrounds of understanding and to help him build a philosophy of life which will undergird him for his vocation or profession.

As an outcome of this liberal education emphasis the college seeks to develop in its graduates: (1) achievement in scholarship, (2) some mastery of the techniques and tools of further learning, (3) the ability to think clearly, logically, and critically, (4) growth in the direction of more profound insights, (5) finer moral discernments and aesthetic sensitivities, (6) a loyalty to truth in all realms of life, and (7) commitment of life and abilities to useful purposes.

To do this McPherson College offers to the student education in the major fields of human experience: the arts, the natural sciences, the social sciences, philosophy, and religion. Breadth of outlook is developed by requiring the student to survey in a general way the various large fields of knowledge, chiefly during the early years of his course. Depth and intensity of understanding is sought by requiring the student to select some field in which he will do more intensive work.

RELIGIOUS DEVELOPMENT FOSTERED. McPherson College is a Christian college. Its religious aims are: to lead the student to an intelligent understanding of the basic doctrines of the Christian religion, to help him develop a Christian outlook on the universe, a Christian philosophy of life and a deepened devotional life; to teach him the ethical ideals of the Christian religion, and to inspire him to Christlike living.

Toward the achievement of these ends the college employs men and women as teachers and administrators who are themselves Christian. It offers courses in the Bible, church history, ethics, philosophy, and comparative religion which provide the intellectual foundation for the Christian faith. It conducts worship programs in the chapel and elsewhere cooperates with the church in promoting the devotional life. It promotes student Christian organizations, brings to the campus religious leaders for addresses and conferences, and through personal contacts and guidance seeks to be of help in developing the religious life of every student.

PROFESSIONAL EDUCATION OFFERED. Every student of McPherson College is urged early in his college career to develop a professional or occupational direction and to build a program of studies including liberal arts courses which will enable him to attain his goal in the most effective manner.

McPherson College recognizes that to prepare students for teaching is one of its important functions since many of its graduates enter that profession. The Education Department assisted by all other departments prepares students for certification to teach in both elementary and secondary fields. Since many students will return to the farm, in a rural life emphasis the college seeks to prepare both men and women for efficient and progressive farm life and for significant rural leadership. The college provides also certain other courses which are pre-professional or occupational in outlook. Among such are home economics, industrial arts, business administration, stenography, music, art, pre-engineering, pre-medical, and pre-law. The college aims to prepare some students for full-time Christian leadership and service: in the ministry, in missions, in Christian education, and in world-wide service projects.

PERSONAL DEVELOPMENT SOUGHT. Because life is integral, it is important that education should deal with all of life.

Personal Character: The college seeks to develop within its students and graduates the desire for upright and unselfish living. Poise, self-control, self-discipline, a well-ordered life, devotion to truth, beauty, and goodness are personal ideals upheld in classroom and chapel. Personal growth comes only if there is opportunity to practice and develop talent; McPherson College seeks to offer a well-rounded program that affords students opportunity for participation.

Social Competence: The college seeks to help the student achieve social poise and competence through general instruction and personal conferences, and by affording opportunities for participation in varied social activities.

Social Responsibility: It is the aim of the college to help each student achieve a sense of intelligent concern for his fellowmen. The undertaking is that the whole life of the college shall uphold the Christian ideal of service as an essential aspiration of the well-ordered and happy life.

Physical Well-Being: It is the aim to assist the student in developing himself physically and socially through a program of physical education, recreation, and athletics. An effort is made to get each student to participate in some form of intramural or intercollegiate sport. The intercollegiate program seeks to aid in the physical and social development of those who participate, and to cultivate, both in the participants and in the entire school, a sense of wholesome sportsmanship and competitiveness. Its ultimate aim in this area is to produce better persons rather than specialized athletes.

Christian Homemaking: The college seeks to undergird the Christian home as one of the main bulwarks of a Christian society. It offers courses designed to help students build homes which are strong aesthetically, economically, and spiritually.

Christian Vocation: In addition to seeking to lead the student to make vocational commitments for the general betterment of our society and of the world, the college seeks also to assist him to carry into whatever occupation he enters an earnest desire to make that vocation a significant avenue of Christian service to his fellowmen.

The College Plant . . .

Sharp Hall, the oldest building on the campus, is being replaced with a modern administrative and auditorium building. This building will add dignity and effectiveness to the work of the college. The old Sharp will serve until the new building replaces it.

Harnly Hall is a four-floor edifice. All of the science departments, including Home Economics, are housed there, as are also the departments of Philosophy and Religion, Music, Modern Languages, Social Sciences, and the Museum.

The Beeghly Library: The original library was a gift of Mr. Andrew Carnegie. Recently the library has undergone complete renovation and reconstruction through the generous aid of Milford J. Beeghly of Iowa.

Arnold Hall is a substantial, four-floor men's dormitory. It contains cafeteria facilities, two reception rooms, houseparents' apartment, and room for sixty-six men.

Fahnestock Hall is another men's dormitory. It contains an apartment for the houseparents and rooms for sixty men. The second floor contains a student lounge and a guest room.

Kline Hall is a three-floor brick building containing eight suites of two rooms and bath for married students, and nine single rooms for unmarried students.

Royer and Edna Detzour Hall is a commodious women's dormitory with facilities for one hundred and eight women. It has generous lounge accommodations, spacious and well-lighted rooms, a large recreation room with laundry equipment and some cooking and refrigeration equipment. A guest room and housemother's apartment are included in the building.

College Courts, or apartments for married couples, are provided at the edge of the campus. These are partially equipped, are of modern design, comfortable, and attractive.

The Physical Education and Health Building has offices, a classroom, a game room, showers, dressing rooms, and a gymnasium. This modern building offers excellent opportunity for a program of physical and health education for all students.

The Frantz Industrial Arts Building is equipped with tools for cabinet making, welding, turning, machine work, and general and craft shop work. Rural life and agricultural courses are taught in this building. It was made possible through gifts from the Frantz families.

The J. C. Dell Rural Life Laboratory serves as a laboratory building for rural life and farm shop courses. It is equipped with up-to-date machine tools. It was made possible by J. C. Dell.

Vaniman Hall: The spacious, three-story home of the F. A. Vaniman was given to the college by the Vaniman heirs. It has been made into a fine-arts hall. Here painting and ceramic arts can be adequately taught in beautiful surroundings.

The President's Home: A lovely home for the president of the college was given to the college by the Houston heirs. It has become the place where students meet in groups or with the president's family for discussions, socials, and counseling.

The Forney Heating Plant is named for F. W. Forney who served the college faithfully for many years as superintendent of buildings and grounds.

The Museum contains many rare and valuable fossils, cultural artifacts, varied flora and fauna, and many valuable meteorites, besides a very large number of historic displays. It is housed on the fourth floor of Harnly Hall.

The Athletic Field is composed of a gridiron, a quarter mile track, and a playing field for softball, soccer, archery, and many other group games. It is lighted for night games. A modern and well-equipped stadium of steel provides seating for about 4,000 spectators. Concrete tennis courts are also provided.

The College Farm: A 240 acre farm is operated as a demonstration farm for rural life courses. It operates a modern dairy. It has a deep irrigation well.

Equipment: Laboratories are maintained for chemistry, biology, physics, geology, industrial arts, rural life, and home economics. They are all commodious and up-to-date. Visual education equipment and modern teaching devices are available. The student finds at hand the equipment he needs to further his education and a helpful teacher to assist him in the use of it.

History . . .

McPherson, not far from the center of the state of Kansas, is in a rich agricultural area which has been made famous by the quantity and quality of wheat produced. More recently it has become noted for its production of oil and gas. McPherson is a growing city of about ten thousand people and is the seat of government of McPherson County. It is a city of prosperous merchants, beautiful homes, parks and shade trees, and is surrounded by fields of wheat, maize, and alfalfa. The climate is mild and healthful.

McPherson is easily accessible by highway, bus, or train. Two national highways, 81 north and south and 56 east and west, cross in McPherson. A main line of the Rock Island passes through the city. The Santa Fe, the Missouri Pacific, and the Union Pacific are readily accessible a few miles distant at Newton, Lindsborg and Salina respectively.

McPherson College was founded in 1887. It was first called McPherson College and Industrial Institute. Ground was broken for the first building, Fahnestock Hall, on October 19, 1887. The first school term began September 5, 1888; S. Z. Sharp was the first president; sixty students enrolled and there were seven faculty members. In 1898 the official name became McPherson College.

In 1902 Mt. Morris College, Mt. Morris, Illinois, merged jointly with Manchester College in Indiana, and with McPherson College. The Mississippi River became the dividing line between the two college territories. Thus two colleges were able to share in the illustrious Mt. Morris history.

Alumni Affairs . . .

The McPherson College Alumni Association includes graduates of the college, those former students who have completed twenty-four hours at McPherson, and those who have received a certificate or diploma from a department of the college.

The Alumni Association attempts to promote the interests of McPherson College, and to establish mutually beneficial relations between the college and all of its alumni.

The alumni program includes these emphases: homecoming, the annual alumni banquet, class reunions, alumni chapter meetings, alumni publications, and alumni giving. The college employs an alumni secretary who coordinates these emphases through the Alumni Office on the campus.



Student Life

Costs at McPherson College . . .

Tuition: The college makes one inclusive charge for tuition and regular academic fees. The one charge covers all tuition expenses, including matriculation, laboratory, art, private music lessons, library, graduation, etc. For full time students (12 hours or more), it also includes the health service, student activity privileges such as admission to athletic contests, choral and instrumental concerts, plays, and Student Council activities. This latter provides the student handbook, the Growl, and the student newspaper, Spectator; the student annual, Quadrangle, is given to all full time two semester students.

Tuition per semester hour

\$15.00

(\$18.00 per semester hour for less than 12 hours)

Room:

Dotzour Hall, Fahnestock Hall, semester	\$90.00
Arnold Hall, Kline Hall, semester	75.00
Kline Hall, two-room furnished apartment, month (plus electric bill)	30.00
College Courts, one-bedroom apartment, month	40.00
two-bedroom apartment, month (plus electric bill)	45.00

Student Union and General: each semester 25.00

Board: By cafeteria (average cost from seven to ten dollars weekly)

Special Deposits and Charges:

Auditing courses, each semester hour	3.00
Chemistry breakage deposit, courses 1 and 12	2.00
Chemistry breakage deposit, all other courses	5.00
Change of enrollment after first full week of school	2.00
Late registration	5.00
Placement Bureau enrollment	5.00
Placement Bureau, notification service	5.00
Transcript (first one free)	1.00

Estimated Expense Per Year: This estimate includes tuition, books, room, and board; it does not include class dues and miscellaneous personal expenses.

Tuition: \$15.00 per hour, average load 15 hours	\$450.00
Books and Supplies	40.00
Room	150.00-180.00
Student Union and General	50.00
Board (estimated)	250.00-360.00
Total for the year	\$940.00-1080.00

Payment Plans: Each student will choose one of the following methods of payment, preferably in the order indicated:

1. Cash in full for each semester at time of enrollment—(No scholarships or other discounts) Discount of \$5.00
2. Two equal payments—No discount, no service charge (Half at enrollment, half at mid-semester; 6% interest on past due balance)
3. Four equal monthly payments—Service charge of \$5.00 (September 1 to December 1 and February 1 to May 1) 18% interest on past due balance)
4. Other arrangements approved by the president and the business manager—Service charge of \$5.00, plus 6% interest on the unpaid balance.
5. Students enrolled for less than 12 hours—cash in full at time of enrollment—no discount.

Students who are delinquent in the payment of any fee, account, or note due the college will not be allowed to graduate. They will not be furnished transcript showing scholastic standing until such indebtedness has been paid.

Refund of Tuition and Room Rent will be made on the following basis: 90% will be refunded if withdrawal is made during the second week, and for each succeeding week the refund will be decreased by 10%. After ten weeks of the semester have elapsed, no refunds will be made. Fees are not subject to refund. No refund or adjustment will be made unless authorized by the dean, or by the president in the absence of the dean.

Room Reservation and Room Deposit: Students may reserve rooms in the dormitories in advance of the opening date by depositing a fee of \$10.00 which is held as a breakage fee until the close of the year. A charge of \$1.00 each semester is made for approved electrical appliances. If rooms are no longer available in the dormitories, students will be located in approved private homes. The paid fee will assure the students of rooms in the dormitories in the order in which their names appear on the waiting list. The room reservation fee will be refunded if the request is received before August 10.

What to Bring: Bedding for single beds, including pillows, pillowslips, sheets, blankets, quilts, bed covers, curtains if desired; rugs; personal items as desired for the room.

Financial Aids . . .

The awarding of scholarships and aids are through a Scholarship and Aids Committee. Students are eligible for only one scholarship or grant-in-aid at one time unless exception is made by this committee. Application for any form of student aid should be made as early as possible. The proper blanks can be secured from the admissions office or the president's office. All students receiving scholarships or grants-in-aid must maintain a creditable scholastic record. Scholarships and grants-in-aid do not apply to summer school work.

1. SCHOLARSHIPS

High School Honor Scholarships are offered to high ranking graduates of high schools and junior colleges.

Upper Class Scholarships are offered to two McPherson College sophomores and two juniors each year for the succeeding year. These are awarded on the basis of three semesters and five semesters of college work respectively.

Music Scholarships: A limited number of scholarships are offered in piano, in voice, and in instrumental to students upon audition and recommendation by the Music Department.

University Scholarships are offered annually by leading universities which vary in value from \$500.00 upward. Members of the senior class possessing proper qualifications will be recommended for these.

Memorial Endowment Scholarships are available to worthy students through endowment funds provided in memory of: Glen Donald Austin, Virginia Meyers Berkebile, Walter E. Berry, Earl Eoy Curtis, Samuel Theodore Elrod and Edith D. Keiser.

Special Scholarships: From time to time short-term or longer term scholarships or grants-in-aids are established at the college for an individual or for students from a certain church, state, or group. Examples of these are: the Peoples State Bank scholarship or grant for worthy students coming from the McPherson area (the maximum number is four and the maximum amount is \$200 per year); the Ullom scholarship or grant for students from Colorado in a similar amount; certain other scholarships or grants made available from time to time by O. F. McGonigle, E. J. Frantz, women's church organizations, CBYF's, or others. Inquiry can be made about these from the college.

2. GRANTS-IN-AID

International student grants, up to twelve, are made available to international or foreign students. These apply toward tuition only.

Ministerial grants-in-aid of 30% of college tuition, for any number of hours enrolled, are granted to juniors and seniors who are preparing for the ministry or for full-time Christian service. Grants-in-aid of the same amount are available to the unmarried children of active pastors or to children of those who are engaged in full-time Christian service.

Brethren Volunteer Service: Grants-in-aid of 30% tuition are available to those who have served in BVS without pay. These grants are for the same number of years served, not to exceed two years.

Family: When there are two regularly enrolled college students from the same family and neither has received a scholarship or grant-in-aid from the college, each will be given a discount of 5% of tuition. When there are three regularly enrolled students from the same family and none has received a scholarship or grant-in-aid from the college, each will be given a 10% discount.

Special grants-in-aid of varying amounts, up to \$100.00 a semester, are made to worthy and needy students.

Matching Aids: The college will match, up to \$50.00 a semester, grants-in-aid made by churches or other selected groups where worthiness and need have been established.

Veterans Benefits: McPherson is on the approved list to handle veterans benefits as administered under existing Federal laws 550, 634, and/or others.

3. ASSISTANTSHIPS

The college employs student assistants for its instructional staff. The students are usually selected from the upper classes and must be students of high scholastic standing. All appointments are made for one year and are conditioned upon satisfactory service and the approval of the Administrative Committee of the college.

4. LOANS

Loan and grant-in-aid funds have been established at McPherson College by friends of the college and of youth. Some of these are: Beatrice Assembly, Albert and Charles J. Cochran, E. J. Frantz, Mrs. E. E. Greenough, Dr. W. C. Heaston, E. B. Hoff, Northeastern Kansas CBYF, Southeastern Kansas CBYF, O. F. McConigle, Minnesota CBYF, North Dakota CBYF, Frank Rhodes, Dr. Ralph Y. Strohm, John Samuel Evans, Mrs. Sarah Witmore Harnly, Miss Della Hoerner, Mrs. Elizabeth Keener.

A Student Rotary Loan Fund for worthy students has been made available by the Christian Education Commission of the Church of the Brethren. Application for a loan from this fund must be made through the college.

The Kansas Federation of Women's Clubs and various civic organizations of McPherson offer to worthy students, loans which may be obtained on reasonable terms.

Government Loans: McPherson College is a participant in the program of government loans for students. This is administered under the Department of Health, Education and Welfare, title II, public law 85-864. Under the provisions of this law, students may borrow through the regular college channels up to \$1000 a year at nominal interest rates. Particulars are available upon request.

5. EMPLOYMENT

There is some opportunity for students to earn money both at the college and in the town of McPherson. The dining hall supplies work to a number of women and a few men. There is janitorial work for fifteen or twenty students, mostly men. Some students find clerical work in the college offices, and a few work in the library. In addition to this many students find work in private homes, stores, gas stations, garages, and restaurants in McPherson. The college operates an employment bureau to help students find work. However, it should be understood that only a fraction of one's total expense can be earned by part-time employment and that the number of jobs available is limited. Caution should be exercised in the number of hours a student should work. The maximum working load should be fifteen hours, if one is carrying a normal load of school studies.

Counseling and Personal Services . . .

Counseling: The change from high school and home to college life sometimes involves difficulties of transition. A counseling service under the supervision of the Personnel and Counseling Committee is provided to assist students in making the adjustment to college life and to guide them through college and into the business and professional world. Each student is assigned a counselor to aid him in curricular or other problems. Later this guidance is given through his major professor.

All faculty members offer their time freely to counsel with any student on any subject, or to visit with them for the purpose of friendship and growth.

Scholarship is stressed, but health, emotional balance, personality adjustment, economic intelligence, religion, and vocational purpose are values also sought for in each student. A special effort is made to help freshmen and new students become oriented to college life. Faculty members and students direct a program to help in this process. During the first nine weeks a special effort is made to orient new students to the meaning of a liberal education, and to college life in general.

Health: The health service of the college is under supervision of the school nurse. The scope of the health service is as follows:

1. To pay \$2.00 for each of three calls per student at a physician's office and \$3.00 for one residence call. All calls must be approved in advance by the school nurse or the housemother of Dotzour Hall.
2. To pay \$6.00 per day for use of a room in the McPherson County Hospital for three days each semester, subject to approval in advance by the school nurse.
3. To give first aid treatment at any time.
4. To supervise and maintain general sanitary conditions and health influences.
5. To advise and refer for specialized medical care any student needing such attention.
6. To give advice in matters concerning personal health and hygiene.

All other office calls, examinations, medicine, X-rays, and special treatments must be paid by the student. Additional insurance offering and wider coverage can be taken out by the student through the college at nominal cost.

Testing Service: During the period of orientation, English, psychological, and personality tests are administered to all freshmen. Results from these tests are made available to all counselors to be used at their discretion in counseling students. Students interested in exploring their capacities and in securing vocational, educational, or professional guidance will be given suitable tests and interpretations of the results by making application to the Personnel and Counseling Committee.



Moral and Religious Influences: As a Christian college under church supervision, McPherson College is vitally interested in the religious life and development of its students. It desires for each student an intelligent, living faith in Jesus Christ, which will integrate personality and express itself in noble Christian character and worthwhile work.

An environment favorable to these aims is provided by the college and added to by the City of McPherson with its many churches, its Y.M.C.A., and its emphasis on things cultural and religious. A chapel and an assembly period are held each week; various religious and special interest groups meet regularly.

All classroom teaching is permeated by a spirit of reverent searching for knowledge and truth. All teachers are Christian men and women.

The McPherson Christian Association: In its general assemblies, discussion groups, and other activities, the M.C.A. gives opportunity for expression along religious lines. This cosmopolitan organization is doing much to make religion felt on the campus.

The Recreation Council: This organization is composed of a group of students selected from the various church districts. Its purpose is to study recreation problems in relation to the church program and to offer experience in leadership.

Social Life: McPherson College aims to train young people for membership and leadership in a Christian social order and to create in them a sense of their social obligations and responsibilities. The social program seeks to stimulate students through study and direct experience to gain for themselves a pattern of values which will give meaning and direction to life. A social room, known as the Student Union Room, is provided in Sharp Hall. There are lounges in the dormitories in which students meet their friends during leisure hours. Informal gatherings are held in the homes of the faculty and the president. Many informal parties and some formal activities are planned, in order that students may feel culturally at ease in all types of social life. Skating parties, trips to nearby cities, and outings are regularly arranged. The social life is under the general administration of the Social Committee, composed of faculty members and students.

The Placement Bureau assists former students and graduates to secure positions in their professional fields. Registration blanks may be secured in the Alumni Office. A nominal fee of five dollars (\$5.00) is charged for enrollment. An additional placement fee of five dollars (\$5.00) is due if credentials were sent to the place where the student secured a position. The Placement Bureau service is a life-time service available to any former student or graduate of the college. One may re-enroll in the bureau by paying a five dollar (\$5.00) re-enrollment fee. Placement Bureau credentials are valuable for securing industrial and business positions as well as teaching positions.

Student Regulations . . .

McPherson College seeks to uphold high ideals of Christian conduct and growth in every phase of the student's life. It is assumed that students who apply for admission desire to fit into and profit from such an environment.

McPherson students participate in self-government. They have their own elected student officers and govern themselves according to their own constitution. These offices and their functions are explained fully in the student handbook, *The Growl*. The students also have their own elected Student Court. The Court handles problems of disruption and discipline which work against the welfare of any individual student, or of the total college group.

Each student is encouraged to develop positive and wholesome patterns of study, work, worship, recreation, and the use of leisure time. It is anticipated that increasingly each will be able to manage his own disciplines and that consideration for the other person's rights, regard for the common respectabilities and courtesies of adult behavior, and a desire to deepen and enrich his own life will become increasingly central in his pattern of conduct. In order to help in these directions, the college, since its inception, has ruled that alcoholic beverages, gambling, and smoking, shall not be a part of its campus conduct.

The student is encouraged to participate fully in the religious activities of the campus and to regularly attend the church and church school of his choice. The total college gathers in chapel or assembly meetings twice each week. Attendance at these is required.

The dean of students has general supervision of student welfare, the dean of men works closely with the men students in their problems and interests; the dean of women performs a similar service for the women students. A special faculty counselor is assigned to each student to help him with academic and other problems.

Students who find it persistently impossible to fit into the atmosphere of the college, or whose academic record indicates inability or unwillingness to perform college caliber work, may be asked by the Student Court and/or the administration to withdraw. All parents are urged to keep in close contact with their sons and daughters and with the college administration in order that the total advancement and growth of the student may be fostered.

Students who represent the college in public appearances or programs must be cleared through the departments of their specialty: athletics, music, public speaking, and so on. Their deputation scheduling should be through the department of public relations or other appropriate college agency.

Students should inform their correspondents that all mail addressed to the college should be plainly marked "McPherson College" giving also the name of the dormitory. This is important, since there are two colleges in McPherson.

Visitors are always welcome at McPherson College. If possible, guests should report ahead of time to the dormitory head resident or the business office in order that housing may be arranged.

Extracurricular Activities . . .

Extracurricular Activities are organized and arranged to provide opportunities for spontaneous self-expression on the part of the students, in harmony with the general educational purposes of the college. The Personnel and Counseling Committee of the faculty is the general supervising agency. In addition, each organization has a faculty sponsor who attends all meetings and aids in planning the year's program, budgeting funds, and keeping accurate accounts and records. The books of all secretaries and treasurers are filed in the business office during the summer. All students are urged to participate in some extracurricular activity in order to enrich their college experiences and to broaden their personalities.

The Spectator: This campus newspaper published weekly by the students gives opportunities for practical experience in journalism. Students fill the editorial staff positions of campus editor, managing editor, editor-in-chief, and the business manager. The editors serve one semester in each of the three editorial positions. A new campus editor is selected each semester. Other positions such as sports editor, society editor, and reporters are open to any student. The business managers get experience in advertising and business.

The Quadrangle: The student yearbook is also prepared as an extracurricular activity. The editor and the associate editor head the editorial staff. A new associate editor is selected each year. The business manager and the assistant business manager of this publication also get practical experience in advertising and business.

The Student Council: The Council is the governing power of the student body. It is composed of a president and a treasurer, elected by the student body; the treasurer of the previous year; one man and one woman from each of the four classes; one man and one woman representing the extracurricular activities; the dean of students; the dean of the college; the dean of women, and the dean of men.

The Council issues three publications: the Growl, a student handbook, for distribution at the opening of the school year; the Spectator, a campus newspaper; and the Quadrangle, a student yearbook.

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Students living in the dormitories have their own dormitory councils which administer college and dormitory regulations with the advice and assistance of the housemothers, head residents, and deans of women and men.

The Student Court: The Court functions to interpret and enforce the Student Body Constitution, to determine the policy of student discipline, to study cases for discipline which are referred to it, and to render and enforce verdicts. The Court is composed of thirteen members: five seniors, four juniors, three sophomores, and one faculty representative. A chairman and a secretary-treasurer are elected by the Court from its membership.

Men's and Women's Councils: These are under the sponsorship of the dean of men and the dean of women, and are composed of selected groups of representative students. They promote good fellowship among students and understanding between students and faculty. The councils meet regularly and discuss problems of student welfare.

Alpha Psi Omega: This is the national honorary dramatic society; membership is open to students who earn sufficient points in both acting and staging to merit the honor.

Phi Alpha Theta: This is the national honorary history society. Students who have completed at least twelve hours of history and who have achieved an exceptional scholastic rating are eligible to join.

Pi Kappa Delta: This is the national honor forensic society, and has an active chapter at McPherson College. Its membership is open to those who have participated in oratory, debate, and other forms of public speaking.

The A Cappella Choir: This choral group specializes in the singing of unaccompanied choral literature. It is a highly selective choral organization whose members are chosen on the basis of maturity of voice and choral experience. Membership is limited. The choir makes appearances at college assembly or chapel services and at the college church. In addition, it participates in varied special events at the college. It presents a public concert in the early spring.

The College-Civic Orchestra: This orchestra is open to all qualified instrumentalists upon application to the director. Orchestra concerts are presented several times throughout each school year.

The College Band: This group of students and faculty members presents varied programs and concerts during the year and performs at the athletic events.

Brass, or Other Ensembles: These vary from year to year. They are open to qualified and capable students.

Athletics: McPherson College is a member of the Kansas College Athletic Conference, in which the following sports are recognized: football, basketball, track and field, tennis, and golf. The college offers physical education and athletic activities of a wide variety. Every student within the school is offered an opportunity for wholesome recreation and physical exercise under competent leadership.

The "M" Club: This is an organization of men who are awarded letters in any of the sports sponsored on the campus.

The Women's Athletic Association: The WAA is open to all women students who participate in extracurricular sports activities. Their program is broad in scope and aims to provide activities adapted to the needs and interests of all student. Demonstrations, social functions, and play days are included in the program. Official letters are awarded to girls for points earned in participation.

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Special Events . . .

The Regional Conference: This conference is held for four or five days each fall. It calls together the church people of the area, provides outstanding speakers, and serves as a period of religious emphasis for faculty and students of the college.

Regional Youth Conference: The youth of the region come together for several days under the direction of capable leaders for inspiration and program planning.

High School Visitation: During the school year, members of the student body and faculty visit the surrounding high schools to bring to their attention the opportunities of a college education and to consult with students concerning their educational plans.

The Booster Banquet: Cooperation of community and college was the primary motive for instituting the Booster Banquet in 1931. Each year several hundred of the leading citizens of the community have mingled in a fellowship banquet as a token of their interest and support of McPherson College.

Homecoming: Each year a homecoming celebration is sponsored by the alumni and the various organizations of the college. Several activities, which include an alumni tea, an M Club banquet, and an after-game coffee hour, are planned for the interest of alumni. A homecoming queen and two attendants are selected by the students to reign over the homecoming festivities.

Spiritual Emphasis Week: Each year a well-known speaker leads the entire student body and the college church in a religious emphasis. Both daytime and evening public meetings and individual or smaller group conferences are a part of the emphasis.

Open House: Every year each of the dormitories holds an open house. Parents, faculty, and friends are invited to visit the students in their rooms.

Musical Concerts: Various concerts are presented by musical groups and individuals at appropriate times during the year. The general public is invited.

Plays and Debates: Several plays are presented by the McPherson College Players annually. McPherson College is host to at least one invitational debate tournament each year.

All-School Events:

A formal faculty reception to the students is held early in the fall.

An all-school formal is usually held during the Christmas season and another during the spring months.

Several all-school parties, skating parties, and play nights are sponsored by classes or organizations. Occasionally all-school outings are held.

McPherson County All Schools Day festivities are entered into by the college. Some of the college organizations enter floats in the "All Schools Day" parade and participate in the exhibits.

Community Service: McPherson College is ready to be of any possible service to high schools, communities, and churches, either near by or throughout the entire region. It is prepared to assist in teachers' institutes, parent-teacher meetings, lecture courses, entertainments, and religious services. The college also functions in something of the capacity of a community college by providing classes in adult education.



Academic Regulations

Admission Requirements . . .

Admission to McPherson College may be granted upon presentation of a certificate of graduation from an accredited senior high. The college recommends that the student be prepared to present at least three units in English, two units in mathematics, two units in history or social science, and one or more units in laboratory science as well as elective units. It is desirable to have foreign language among the electives.

An application for admission must be filed with the college on an official blank. A thorough health examination by the applicant's physician must be summarized on a college medical report form. Blanks may be secured from the back of this catalog or from the Office of Admissions.

Advanced Standing: Candidates for admission from other colleges must present evidence of honorable dismissal and official transcripts from the colleges attended. A transfer student having fewer grade points than hours will not receive credit toward the 124-hour graduation requirement for more hours than he has grade points. Students from junior colleges will receive credit for no more than 32 semester hours. Students will receive credit for no more than 30 semester hours of extension courses of other institutions, including correspondence courses.

McPherson College will accept a maximum of 60 semester hours of course work taken in Bethany Bible Training School, of which not more than 30 semester hours may be strictly theological.

Credit will be given for the service training program conducted by the various branches of the armed forces as recommended by the American Council on Education in "A Guide to the Evaluation of Educational Experiences in the Armed Forces."

Students entering the college with the R. N. degree in nursing will be credited with some work toward graduation at McPherson. In some cases, this can total as much as one year's work toward a degree.

Registration: Official registration for courses and official withdrawal from courses takes place only when the student has provided all information required on the official forms of the registrar's office and has secured the signature of the dean of the college or his designated representative. The student must complete all admission procedures prior to registration. Registration for each semester must be completed on the days designated for that purpose in the calendar of the college. Failure to do so will result in a late-registration fee of \$5.00.

Degree Requirements . . .

The degree, Bachelor of Arts, is offered in English, history, applied music, philosophy and religion, and education and psychology. The degree, Bachelor of Science, is offered in biology, chemistry, economics and business administration, home economics, industrial arts, physics, mathematics, music education, rural life, and sociology.

The A.B. or B.S. degree will be conferred on a student who meets the residence, credit, grade point, distribution, concentration, and English proficiency requirements, all of which are described below. Application for graduation must be made to the registrar by the end of the third week of the semester immediately preceding the date of graduation.

Residence: In order to qualify as a candidate for a college degree, a student must earn a minimum of 30 semester hours of credit at McPherson College with at least 20 of the last 30 or 40 of the last 60 hours completed in residence.

Exception is made for a student who, after earning 90 semester hours of credit (94 including physical education credit) at McPherson College, goes to a recognized professional school requiring at least 90 semester hours for admission, enters a professional curriculum requiring a minimum of three additional years for completion, and transfers back 30 semester hours of credit from acceptable courses. Likewise, a degree may be conferred on a student who takes 90 semester hours (94 including physical education credit) at McPherson College and who attends at least 2½ years in a nurses' training institution directly affiliated with a university and transfers back to McPherson College 30 semester hours of credit from acceptable courses.

Credit and Grade Point Requirements: The satisfactory completion of 124 semester hours is required for graduation. At least 40 semester hours in upper level courses taken in the junior-senior years are required. (Upper level courses include all courses in the catalog numbered 100 or above.)

In order to be graduated, a student must have an over-all scholastic index of 1.0. A transfer student must also have a scholastic index of 1.0 on all work taken at McPherson College. The scholastic index is calculated by dividing the number of grade points earned by the number of hours attempted, including those attempts which did not result in credit for the student. Grade points are earned as follows:

- A—Three grade points for each hour of credit.
- B—Two grade points for each hour of credit.
- C—One grade point for each hour of credit.
- D—No grade points.

Distribution: The purpose of the distribution requirements is to provide the students some experience with all the major areas of knowledge. The distribution for either the A.B. or B.S. degree is as listed below:

1. Art and/or music, three hours. (Courses emphasizing teaching methodology cannot be used to meet this requirement.)
2. Bible, six hours. This requirement may be met by taking courses in the department of philosophy and religion numbered 21, 22, 23, 106, 111 or 116.
3. Biological and physical science, ten hours, no less than two hours in either.
4. Economics, three hours. This requirement may be met by taking courses in the department numbered 1, 4, 109, 125, 126, 130, 140, 151.
5. Written communications, six hours, courses 1-2.
6. History or political science, three hours.
7. Literature, three hours. This requirement may be met by taking courses listed under literature numbered from 21 to 170 inclusive.
8. Physical education, four hours. This requirement may be met by taking at least two hours from the courses in the department numbered 1, 2, 3, 4, 5, 6, 7, 9, 13, 26, 31 (1 hour only), 63, 109, 110, 157, 158, 172 (1 hour only), with the additional hours in any physical education course.
9. Sociology, three hours.
10. Speech, two hours.
11. Electives from the three following groups of departments are to be chosen in addition to the above specific requirements:
 - A. Four additional hours chosen from the departments of art, literature, speech, foreign language, music, journalism.
 - B. Three additional hours chosen from the departments of economics and business administration, education and psychology, history and political science, industrial arts, philosophy and religion, and sociology.
 - C. Four additional hours chosen from the departments of biology, chemistry, health, physical education, and recreation, home economics, mathematics, physics, rural life.

Concentration:

1. The completion of a major of not less than 24 semester hours in biology, chemistry, economics and business administration, education and psychology, English, history, home economics, industrial arts, mathematics, music, physics, philosophy and religion, sociology, or rural life. A minimum of 12 hours of this requirement must be met in the courses open to juniors and seniors only.

2. Comprehensives, reviews, supporting courses, or seminars may be required of majors by any department. Arrangements for these shall be made by the head of each department.
3. A complete tentative program of courses for junior and senior years, incorporating the requirements stated above, must be worked out by the student and his major professor not later than the beginning of the student's junior year. If a student intends to teach, this program must be approved by the education counselor also.

Note: Requirements one and two are explained in more detail under the departmental requirements.

Proficiency Examination in English: All students are required to pass a proficiency examination in the writing of English prose before applying for graduation. This examination is given at the beginning of each semester and is required of juniors and seniors who have not already passed it. Students who fail in the examination are required to do special work in order to correct their deficiencies and to be eligible to take the proficiency examination again.

Visit
Our
Campus...



DOTZOUR HALL—Women's Dormitory



SHARP HALL—Administration



CHAPEL CHOIR—Doris Coppock, Director



FAHNESTOCK HALL—Men's Dormitory



ARNOLD HALL—Men's Dormitory



HARNLY HALL—Science



FRANTZ HALL—Industrial Arts



BEEGHLY LIBRARY—Research and Study



KLINE HALL—Apartments and Women's Dormitory



COLLEGE COURTS—Apartments



STADIUM—Capacity 2800



"BULLDOGS"



SPECTATOR STAFF—Journalism



McPHERSON CHURCH OF THE BRETHREN

General Academic Regulations . . .

Student Load: The average student load is 16 hours a semester. All students are limited to eighteen hours except by special permission from the Curriculum Committee. No student may apply for enrollment in more than 18 semester hours unless he has earned a grade-point average of 2.25 or higher in the preceding semester.

Students are encouraged to carefully balance curricular, extracurricular, and manual work loads. Advisors will help at this point.

Change of Election of Courses will be initiated through the counselor as a rule. Such changes cannot be granted after Saturday noon of the second week of the semester. Upon written request and the presentation of valid reasons for exception being made, the dean may approve changes after the two-week period. A late registration fee will be charged for each enrollment change later than the second week of the semester.

Withdrawal from Courses without registration of grade is possible until Saturday noon of the fifth week of the semester on the approval of the dean. Failure to secure permission to withdraw will result in a grade of "F" in the course. A student who fails to do satisfactory work in a course may be asked to withdraw.

Students faced with induction pressures may qualify for credit totaling as many hours as the number of weeks attended in class by taking an examination over the work covered.

Scholarship and Probation Rules:

Freshman: A freshman student is placed on academic probation if his scholastic index is below .5 at the end of his first semester of attendance or below .75 at the end of his second semester.

Students beginning a fourth semester of attendance (or others who have attempted 39 hours or more): Any student whose cumulative index is less than .75 or who has earned an index of less than .75 at the end of the first semester in which he was classified as a sophomore (or in which he would normally have been classified as a sophomore except for grade point deficiencies) will be placed on academic probation and will remain on academic probation continuously thereafter until his cumulative index is brought up to a 1.0 level.

At the end of the sophomore year or thereafter, any student whose index for a particular semester falls below .75 will be placed on academic probation for one semester, regardless of his cumulative index; he will also be placed on probation whenever his cumulative index is less than 1.0.

Probation and Eligibility for Further Attendance: Any student who has reached the point at which he would normally begin his junior year (has attempted 54 hours or more) and who has a cumulative scholastic index of less than .80 shall be ineligible for further attendance. Any student who is ready to begin his senior year (has attempted 84 hours or more) and who has a cumulative scholastic index of less than .90 shall be ineligible for further attendance. Any student who, by the beginning of his eighth semester, fails to demonstrate a likelihood of reaching the 1.0 average by the end of the next semester will not be permitted to make formal application for graduation.

Exceptions to these rules will be made only by special action of a committee consisting of the president, the academic dean, the dean of students, and the registrar. During the absence of any one or two of these persons, the president or the academic dean may make temporary appointment of one or two of the Curriculum Committee members to replace the absent person or persons.

A student who has been refused permission to re-enroll because of low scholarship may apply for readmission after the equivalent of one academic year has passed. Favorable consideration of such an application will depend upon the presentation of evidence that the applying student is prepared to do an improved quality of academic work.

Note: The scholastic index shall be calculated by dividing the number of grade points earned by the number of hours attempted, including those attempts which did not result in credit for the student. A student transferring to McPherson from another institution and not receiving credit at McPherson because of low marks in some of his courses will, nevertheless, have his over-all grade-point average calculated on the basis of grade points earned divided by hours attempted at McPherson and in the other school.

Classification of Students: In order to be classified as a member of any class except the freshman, and to be eligible for enrollment in courses open to members of that class, a student must meet the requirements listed below.

Sophomore	Junior	Senior
24 semester hours	54 semester hours	84 semester hours
24 grade points	54 grade points	84 grade points

The classification with which a student begins an academic year will be carried by him throughout the year. An exception is made for juniors who plan to graduate at the close of the summer session; they may be classified as seniors at mid-year.

Scale of Grading:

- A—indicates high honor and is reserved for very distinguished work.
- B—indicates very good work of much more than average quality.
- C—indicates that the work has been of good average quality.
- D—indicates that the work has been the lowest in quality that will enable the student to pass the course.
- I—indicates work is incomplete. This mark will be given only when the cause for the incomplete has been unavoidable as determined by the instructor and the dean of the college.
- F—indicates failure.
- WP—withdrawn passing; WF—withdrawn failing.

Note: An "I" may be changed to a grade by completing the incomplete work to the satisfaction of the teacher. The incomplete must be satisfied within a time limit set by the instructor and the dean when the mark of "I" is assigned.

Honor Roll: To be eligible for the honor roll, students must have earned a grade point average of 2.50 during the previous semester. Students obtaining a grade point average from 2.25 to 2.49 will be placed on the honorable mention roll. Credit earned by examination will not be included. A list of these students shall be compiled and appropriately advertised at the close of each semester. This list shall be known as the Honor Roll of McPherson College.

Honor Graduates: McPherson College gives consideration for excellence in scholarship during the college course by graduating students with the following honors:

Students who earn a minimum of forty per cent of "A" grades and not more than ten per cent of "C" grades are graduated *cum laude*.

All students who earn during their college course a minimum of sixty per cent of "A" grades and not more than eight per cent of "C" grades are graduated *magna cum laude*.

All students whose college records show a minimum of eighty per cent of "A" grades and no grades below "B" will be graduated *summa cum laude*.

Independent Study Courses: A student in his junior or senior year who has made an average grade of "B" or better in twelve or more semester hours of work during the previous semester may enroll for independent study in his major department for the ensuing semester. The problem or project on which the student is to work and the amount of credit to be received for the work must be approved by the student's major professor and by the Curriculum Committee prior to the enrollment for the work. One to three semester hours credit may be earned during a given semester, but under no circumstances will independent work be approved that overlaps work that can be done in regular classes.

Problems or projects worked out in independent study must be written up in thesis form acceptable to the student's major professor and the Curriculum Committee. At the discretion of this group, the student may also be required to take a written examination, as well as an oral comprehensive examination before a committee of faculty members headed by the major professor.

Class Attendance: Regular class attendance is required of all students.

A student who persists in being absent from class will be reported to the dean's office. A student consistently absent from class or from private lessons will be dropped from the class and/or from the college. Specific details on this can be secured from the instructor or from the dean's office.

Few absences are necessary; necessary absences that can be anticipated should be cleared with the dean and with the instructor before the absence occurs. When an absence is unavoidable, the student should explain to the instructor in charge each absence at the meeting of the class he attends.

Students shall be excused from classes in the period preceding or the period immediately following a vacation only by the dean of the college or by the committee of deans. The policy, in general, is not to allow either lengthened vacations or prolonged absences from class. Penalties may be assessed in those cases in which students violate these principles.

Chapel and Assembly Attendance: Attendance at all chapels and assemblies is expected of students and members of the faculty. These sessions are considered to be an integral part of the educational program and constitute gatherings of the educational community for worship, inspiration, fellowship, and the exchange of information. Persistent absence will subject the student to academic penalties assessed on the student's record in the registrar's office.

Professional and Pre-Professional Curricula . . .

McPherson College with its emphasis on a genuinely liberal education concerns itself primarily with the broad understandings and perceptions which appear basically in all professions. This broad educational base, along with ample opportunities for specialization in a number of areas, makes it possible for the McPherson product to enter a number of vocations upon graduation, or after study in the pre-professional curriculum at McPherson to proceed to a professional program in one of the professional schools or universities.

A Careful Examination of the course offerings of the various departments of the college will reveal that the McPherson graduate is adequately prepared for the business and professional vocations normally associated with graduation from departments of education and psychology, English, art, history, music, philosophy and religion, biology, chemistry, economics and business, physics, industrial arts, mathematics, rural life, sociology, and physical education. A careful examination of departmental materials described in this catalog and a continuous contact with a faculty advisor will place the McPherson student in a good educational relationship with any one of the vocations normally associated with the subject matters of the departments identified here.

Several Specific Pre-Professional programs are described in the paragraphs which follow. Although the suggested programs represent the best judgment of the college counselors in each case, it is recognized that adjustments need to be made in some cases because of special interest and needs. It is wise for the student and his counselor to plan the student's program in advance of enrollment in order that he may take the courses needed without conflict in schedule. Students wishing to enter pre-professional or professional courses, but who are undecided concerning the specific curriculum, should examine the following general curricular outline for the first two years of college.

Choices of Specific Courses from this outline will depend on the objectives of the students. Choices always depend to some extent on the professional school to which the student wishes to transfer and also on the period of time the student wishes to spend at McPherson College. Consultation with an advisor on the campus is imperative if final decisions are to be good ones. If the student knows the professional school to which he might transfer, he should obtain a catalog from that school and have it with him at the time that he discusses his college enrollment with his advisor. Departmental counselors, the dean of the college, and the registrar are available to advise on the specific subjects to consider.

General Program Outline

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Written Communications	3	Written Communications	3
Art, Music, Mathematics, Speech, or Foreign Language	2-3	Art, Music, Mathematics, Speech, or Foreign Language	3-4
Bible, History, Economics, Sociology, or Psychology	3	Bible, History, Economics, Sociology, or Psychology	3
Science, Home Economics, Rural Life, or Industrial Arts	3-6	Science, Home Economics, Rural Life, or Industrial Arts	3-6
Physical Education	1	Physical Education and Electives	1-3
Total	15-16	Total	15-17

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Literature, Art, Music, Speech, or Foreign Language	3	Literature, Art, Music, Speech, Journalism, Foreign Language	3
History, Political Science, Bible, Economics, or Sociology	3	Sociology, Economics, Bible, History, or Political Science	3
Biology, Chemistry, Physics, or Mathematics	3-5	Biology, Chemistry, Physics, or Mathematics	3-5
Home Economics, Industrial Arts, or Rural Life	3-6	Home Economics, Industrial Arts, or Rural Life	3-5
Electives	1-2	Electives	1-2
Total	15-17	Total	15-18

Pre-Agriculture: The pre-agriculture curriculum includes the basic courses common to the first two years of work in agricultural colleges. Students enrolling in this curriculum should consult with their advisor so that the course of study may be adapted to fit their particular needs.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Written Communications	3	Written Communications	3
General Chemistry I	4	Introductory Organic Chemistry 34	4
General Psychology I	3	Principles of Speech 31	3
Farm Crops 7	3	Animal Husbandry 22	3
Art or Acetylene Welding	1	Rural Sociology 30	3
Physical Education	1	Physical Education	3

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Dairy Husbandry 23	3	Landscape Gardening 30	3
General Biology I	4	BOTANY 22	4
Elementary Economics I	3	Geology 104	3
Algebra 5	3	Physical Education	1
Physical Education	1	Approved Electives	3-6
Approved Electives	3-3		

The attention of the reader is directed to the four-year rural life major offering described along with the course offerings of the Rural Life Department.

Pre-Engineering: Arrangements have been made with Kansas State College at Manhattan, the University of Kansas, and the University of Wichita for a joint program which will enable the student to earn both the Bachelor of Arts (or the Bachelor of Science) degree and a Bachelor of Science degree in the field of engineering in the engineering schools of the universities identified.

Under this program, a student takes his first three years at McPherson College and completes at least 94 hours of credit including the courses listed below. Wise choices of electives must be made in order that the distribution requirements listed elsewhere in this bulletin may be met. Provided satisfactory work is done, the student will be eligible to transfer to Kansas State College, the University of Kansas, or the University of Wichita. Upon completion of 30 additional hours of satisfactory upper level work at one of the institutions, he will receive his bachelor's degree from McPherson College, and after satisfactory completion of the requirements of the school he enters, he will receive the Bachelor of Science degree in the field of engineering. Normally the time for the program is five years, but this depends somewhat on the particular field of engineering chosen.

Pre-Engineering Curriculum for the 3-2 Program

FRESHMAN YEAR			
First Semester	Hours	Second Semester	Hours
Written Communications	3	Written Communications	3
Algebra 5	3	Trigonometry 6	3
General Chemistry I	4	Inorganic Chemistry 12	3
Engineering Drawing 3	3	Machine Drawing 12	3
Speech	2	Political Science	1
Orientation	1		

SOPHOMORE YEAR			
First Semester	Hours	Second Semester	Hours
Analytical Geometry and Calculus 51	5	Analytical Geometry and Calculus 52	5
Physics 3	4	Physics 3	4
Literature	3	Psychology	3
History	3	Approved Electives	4
Economics	3	Physical Education	1
Physical Education	1		

JUNIOR YEAR			
First Semester	Hours	Second Semester	Hours
Calculus 101	5	Calculus 102	5
Biology	4	Mechanics 113	5
Bible	3	Bible	3
Sociology	3	Physical Education	2
Atomic Theory 123	3	Art or Music	3
Approved Electives	3	Approved Electives	2

All students who plan to study in the field of engineering should follow the curriculum identified above rather closely. The freshman year and the sophomore year courses are arranged to conform to the various engineering curricula of engineering departments in the universities. Substitutions are sometimes made in the third year of the 3-2 program depending upon the field of engineering chosen by the student. The student should consult the curriculum of the specific field of engineering he plans to enter and the school to which he may later transfer.

Law: Most law schools now require four years of college training for admission. The general program of the pre-law student should be planned with this in mind. Students should choose an emphasis in economics and strong support from courses in history. The student should counsel with the head of the department of economics or history.

Library: Education for students planning to become librarians should be as well rounded and as extensive as possible. Four years of college, followed by at least one or two years of professional study at an accredited library school, is the surest foundation for library work. In the general college work, the student should plan his course so as to acquire a good background in history, in American, English, and foreign literatures, and a working knowledge of a leading foreign language. Many library schools require at least two years of a foreign language for entrance. Study in the social sciences, psychology and education, and the physical sciences is important. An English major with strong supporting courses in the social sciences is good preliminary training for librarianship. If the student prefers, he may major in one of the social sciences with strong supporting courses in English.

Pre-Medical or Pre-Dental: The following outline of a four-year program should be given careful attention by the pre-medical or pre-dental student.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
General Biology I	4	Physiology and Anatomy 52	4
General Chemistry I	4	Inorganic Chemistry 12	6
Algebra 5	2	Trigonometry 6	3
Written Communications	3	Written Communications	2
Orientation	1	Art or Music	2

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Comparative Anatomy 61	2	Introductory Organic Chemistry 54	4
Elementary German I	3	Elementary German 2	2
Elementary Economics I	2	*U. S. History 2	3
*Marriage and the Family 78	2	Principles of Speech 31	2
*General Physical Education I	2	Electives	3

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Embryology 109 or Cytology and Histology 163	5	Ecology 116 or Invertebrate Zoology 105	3-5
Physics 5	4	Physics 6	4
Second Year German 3	2	Second Year German 4	2
Life and Teachings of Jesus 111	2	Life and Letters of Paul 116	5
Elective in Literature	2	Electives in Economics, Psychology, History, Political Science, Philosophy, Religion, or Sociology	3

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Genetics 182	4	Invertebrate Zoology 105 or	
Quantitative Analysis 105	4	Ecology 116	3-4
Art or Music	1	Advanced Organic Preparations 182	1
Electives	6-7	Electives	10-11

*Another course in the same department may be substituted for the particular one listed.

The above program leads to a major in the department of biology. If a major is desired in another department, the appropriate adjustments can be made. Slight modifications in the program may be necessary because of the choice of medical or dental schools to which the student seeks admittance.

The pre-medical student approaching the senior year of his pre-medical program should maintain close contact with the head of the Biology Department in order that he may be informed concerning dates of medical school applications and dates for medical aptitude tests.

Pre-Medical Technology: If a degree is desired before entering training for medical technology, the pre-medical curriculum described above should be followed. If the student prefers a two-year sequence at McPherson College preparing him to enter hospital training for medical technology, he should base his two-year program on the requirements listed by the particular school of medical technology to which he intends to transfer. The two-year program should be organized upon the basis of close counsel with the head of the Biology Department.

Pre-Nursing. The importance of collegiate academic training for nurses is becoming increasingly evident. It is now required of most nurses who enter instructional or supervisory work. An excellent nursing education awaits the young woman who plans her nursing education program to include work in the general curriculum of the liberal arts college as well as in the accredited school of nursing.

Any student interested in the pre-nursing program at McPherson College should plan her course of study with the help of the advisor of student nurses at McPherson and the director of nursing at the hospital selected. A carefully organized two-year schedule of courses at McPherson College will not only allow the pre-nursing student to transfer to the standard nursing program in a professional school, but will also provide the student with a broad basic education in keeping with the liberal arts tradition.

Social Work: Opportunities to do social work are becoming increasingly attractive. A general curriculum with considerable emphasis on sociology courses will give the preliminary training needed for the final two years of concentration in the Sociology Department and for additional specific training in social work after graduation from McPherson College.

Pre-Theological: The American Association of Theological Schools and Bethany Biblical Seminary recommend a broad and comprehensive college education as a basis for theological study. Students majoring in the Department of Philosophy and Religion are advised to take as many courses as possible in other departments, especially the humanities. Students majoring in any of the other departments are advised to take a sufficient number of courses in philosophy and religion to maintain interest and competence in this field.

Evening School . . .

McPherson College presents an on-campus evening school program to its public. This program has proved to be of benefit not only to local people, but to a constituency in a rather large area surrounding McPherson.

A limited number of regular course offerings carrying full college residence credit are presented on Wednesday evenings during the two semesters of the regular academic year. The courses presented normally parallel the offerings available in the day college and are taught by fully qualified McPherson College faculty members who teach regularly in the day college. The use of the evening school program has made it possible for many adults to complete their college education by undertaking limited evening school programs at the same time that they carry on their regular daytime employment activities.

Summer School . . .

McPherson College presents a daytime summer program to its public during the months of June, July, and a part of August each summer. The course offerings in the summer session are, for the most part, regular college courses carrying residence credit taught by regular McPherson College instructors. Most courses meet in the air-conditioned library on campus which has proved to be a pleasant place for summer educational activities.

Many adults in the area take advantage of the summer session to accelerate their progress toward the baccalaureate degree as do a number of regular students who enroll in the summer session between the spring and fall semesters in order to complete their college programs in less than four years.



Areas and Courses of Study

The courses of instruction are numbered according to the following system:

(a) Courses numbered 1-99 inclusive are designed for freshmen and sophomores.

(b) Courses open to juniors and seniors are numbered 100-200 inclusive.

(c) Hyphenated numbers indicate continuous courses.

The following departments of study should be considered as conveniences of organization rather than marking off compartments of education. In harmony with the purpose and aims of the college, it is the objective of any mechanical arrangement of course study or curriculum to effect an integration rather than segmentation of the training of the student.

Humanities Area . . .

Art

- 1. Introduction to Art** **2 hours**
 General definition of art terms; an introduction to art history and aesthetics; experimentation with drawing, painting, print making, and sculpture. A suggested prerequisite to all art courses. Fall and Spring (10:30 M. W.).
- 2-3. Basic Drawing** **1-2 hours per semester**
 The initial study of drawing with charcoal, pencil, pastel, and ink from still life and landscape. Emphasis on perspective and chiaroscuro. Second semester will introduce composition and color theory. The year (1:15-3:00 M. W.).
- 4-5. Basic Painting** **1-2 hours per semester**
 The initial use of transparent water color, opaque water color, colored ink, and casein from still life and landscape. Continued study of color theory with the second semester introducing the imaginative use of pictorial space. The year (1:15-3:00 M. W.).
- 8. History of Art** **2 hours**
 A study of art from cave painting to contemporary art. Spring (11:25 W. F.).
- 25. Art Education** **3 hours**
 A study of materials, methods, and techniques used in elementary art education with emphasis upon artistic understanding within the future teacher. Fall (3:05-4:55 M. W. F.).
- 51. Introduction to Ceramics** **2 hours**
 The basic construction of flat pieces and coil pieces. Also the fundamentals of wheel work and glaze theory. Fall (1:15-3:00 T. Th.).
- 52. Introduction to Sculpture** **2 hours**
 The fundamental study of sculpture and bas-relief using wood, plaster, sculp-metal, and clay. Fall (1:15-3:00 T. Th.).
- 56. Introduction to Graphics** **2 hours**
 The fundamentals of engraving using wood and linoleum blocks. Spring (1:15-3:00 T. Th.).
- 57. Introduction to Oil Painting** **2 hours**
 The fundamental study of oil painting. Spring (1:15-3:00 T. Th.).
- 100. History of Contemporary Art** **2 hours**
 A study of the theory of twentieth century art as found in the various art forms of today. Suggested prerequisite: Art 8. Fall (11:25 W. F.).
- 151. Advanced Ceramics** **2 hours**
 Continued work at the wheel, glaze and kiln theory, introducing mosaic work. Prerequisite: Art 51. Fall (3:05-4:55 T. Th.).

- 152. Advanced Sculpture** **2 hours**
Continued work with ceramic sculpture, sculp-metal, and wood carving. Prerequisite: Art 52. Fall (3:05-4:55 T. Th.).
- 156. Advanced Graphics** **2 hours**
The continued study of engraving. Introduction of serigraphy (silk screen printing). Prerequisite: Art 56. Spring (3:05-4:55 T. Th.).
- 157. Advanced Painting** **2 hours**
Continued study of oil painting introducing encaustic, glaze, and mural techniques. Spring (3:05-4:55 T. Th.).
- 190. Special Art Projects** **1-3 hours**
Advanced work in specialized areas of art. Prerequisite: Consent of instructor. By appointment.

English

Requirements for a major: a minimum of twenty-four hours in composition and literature, including courses 21, 22, 102, 104, 108 or 110, 117 or 118, 142. Courses 1, 2, 7, 16 or 133 will not be counted as meeting requirements for a major.

Related courses required to support a major: a minimum of fifteen semester hours in Speech, Foreign Languages, or Journalism, with at least six hours in Speech.

COMPOSITION

1-2. Written Communications 3 hours per semester
The fundamentals of composition and their practical application in classroom experiences. The year (numerous sections).

7. English for Foreign Students 2 hours
The fundamentals of written communications for the foreign students. By appointment.

102. Creative Writing 3 hours
Advanced work in composition, giving opportunity for the study and writing of principal literary forms with stress on forms in which the student has a particular interest. Spring (10:30 T, Th, F.), alternate years, offered 1960-61.

104. English Grammar 2 hours
A systematic study of grammar, including and explanation of current usages and idioms. Spring (10:30 M, W.), alternate years, offered 1959-60.

LITERATURE

14. Children's Literature 3 hours
Traditional and modern literature for children from kindergarten to high school. Spring (7:45 T, W, F.).

21-22. Introduction to Literature 3 hours per semester
An introductory course designed to develop a sense of values and appreciation for the best in literature through the study of representative writers of the western civilization. Not open to freshmen. The year (8:40 M, W, F.; 1:15 M, W, F.).

108. The Romantic Movement 3 hours
The prose and poetry of the English romantics, including Wordsworth, Coleridge, Byron, Shelley, and Keats. Spring (11:25 M, T, Th.), alternate years, offered 1960-61.

110. Elizabethan Prose and Poetry 3 hours
The writings of Shakespeare's contemporaries, including Spenser, Donne, Bacon, Marlowe, and Jonson. Spring (11:25 M, T, Th.), alternate years, offered 1959-60.

- 117-118. American Literature** 3 hours per semester
The works of the chief American writers including analyses of the ideas which have exerted the greatest influence on American life from colonial times to the present. Spring (9:35 M. W. Th.); 117 offered 1959-60; 118 offered 1960-61.
- 122. The Short Story** 3 hours
The techniques of the short story from the reading of representative types. Spring (1:15 M. W. F.), alternate years, offered 1960-61.
- 123. The Development of the Drama** 3 hours
The development of the drama from its origin to the twentieth century. Fall (9:35 M. W. Th.).
- 133. Language Arts Methods**
(see Education and Psychology)
- 142. Shakespeare** 3 hours
The life and times of Shakespeare with a study of selected plays. Fall (2:10 M. W. F.).
- 146. Contemporary Literature** 3 hours
Recent literature in England and America. Fall (10:30 T. Th. F.).
- 200. Independent Study in English** 1-3 hours
(see regulations governing independent study)

SPEECH AND DRAMATICS

- 13. Argumentation and Debate** 2 hours
The principles of argumentation with practice in application by written briefs and oral argumentation. Fall (1:15 T. Th.), alternate years, offered 1960-61.
- 26. Practical Debate** 2 hours
Participation by underclassmen in intercollegiate debate. By appointment.
- 31. Principles of Speech** 2 hours
The study and application of good speech habits, with opportunity to gain skill through guided practice. Fall and Spring (numerous sections).
- 33. Advanced Speech** 2 hours
A continuation of Principles of Speech with more emphasis on personal improvement and effective preparation for a variety of speaking situations. Fall (11:25 W. F.); Spring (6:40 T. Th., 10:30 M. W.).

- 51. Play Production for Teachers** 3 hours
The methods of play production, with emphasis on stage direction, technical skills, and business management. Fall (11:25 M. T. Th.).
- 109. Oral Interpretation** 2 hours
The study and application of the principles of speech in the interpretation of drama and literature. Prerequisite: Speech 31. Fall (10:30 M. W.).
- 120. Advanced Debate** 2 hours
Participation by upperclassmen in intercollegiate debate. By appointment.
- 141. Speech Defects** 2 hours
A study of speech defects and the ways in which teachers or parents may help speech-handicapped children. Spring (1:15 T. Th.), alternate years, offered 1959-60.
- 151. Advanced Play Production** 3 hours
Special problems in play production, with each student receiving directing experience in both proscenium and arena staging. Prerequisite: Speech 51. Spring (11:25 W. F.), laboratory by appointment.

JOURNALISM

- 1-2. Reporting Practice** 1 hour per semester
Practical experience in gathering and writing campus news by reporting for the school paper each week. By appointment.
- 4. Reporting** 3 hours
Fundamental principles of gathering and writing news, practice in reporting on the campus. Spring (10:30 T. Th. F.), alternate years, offered 1959-60.
- 6. Editing** 2 hours
Copyediting, headline writing, proofreading, and make-up. Spring (10:30 M. W.), alternate years, offered 1960-61.
- 7-8. Editorial Practice** 1 hour per semester
Practical editorial experiences for the managing editor and the editor-in-chief of the college newspaper. By appointment.

Foreign Languages

FRENCH

- 1-2. Elementary French** **3 hours per semester**
 Phonetics, grammar, and practice in hearing, writing, and speaking French, together with sufficient reading to provide a basic vocabulary and working knowledge of the language. The year (10:30 T Th F.)

GERMAN

- 1-2. Elementary German** **3 hours per semester**
 Grammar, conversation, and drill, together with coordinated readings sufficient to give a basic vocabulary and working knowledge of the language. The year (11:25 M T Th.)

- 3-4. Second-Year German** **3 hours per semester**
 Grammar review, composition, conversation and reading of pertinent German material. Prerequisite: German 1-2 or equivalent. The year (8:40 M, W, F.)

- 121-122. Reading Course** **2 or 3 hours per semester**
 Reading of selected works in special fields under guidance of instructor; intended to give student facility in rapid reading. Prerequisite: German 3-4 or equivalent. (By appointment).

LATIN

- 1-2. Elementary Latin** **3 hours per semester**
 Basic Latin reading vocabulary and forms with emphasis on English derivatives. The year (1:15 M, W, F.)

SPANISH

- 1-2. Elementary Spanish** **3 hours per semester**
 Phonetics and grammatical drill; reading of easy idiomatic texts to provide a basic vocabulary and working knowledge of the language. The year (10:30 T Th F.)

- 3-4. Second Year Spanish** **3 hours per semester**
 Simple conversation and easy translations into Spanish, and reading of Spanish prose. Prerequisite: Spanish 1-2. The year (2:10 M, W, F.)

- 121-122. Reading Course** **2 or 3 hours per semester**
 Reading of selected works in a field of special interest to the student, under guidance of instructor. Prerequisite: Spanish 1-4. (By appointment).

Music

Requirements for a major in Applied Music for the A.B. degree:

16 hours Major Applied area	3 hours Music Appreciation
14 hours Music Theory	4 hours Music History
8 hours Piano (or passing of exam)	3 hours Conducting
4 hours Voice	2 hours Music Ensemble

Students majoring in Applied Music will be required to present a public recital before graduation.

Requirements for a major in Music Education for the B.S. degree:

12 hours Music Theory	3 hours Elementary School Music Methods
2 hours Music Appreciation	
4 hours Voice	3 hours Secondary School Music Methods
8 hours Piano (or passing of exam)	6 hours Instrumental Methods
4 hours Music History	1 hour Instrumental Ensemble
3 hours Conducting	1 hour Vocal Ensemble

Students majoring in Music Education will be required to participate in a joint recital in a field of applied music before graduation. A minimum of eight hours should be concentrated in one field of applied study.

General Music Requirements: All music majors should be enrolled in some area of applied music study during each semester of college work. Whether or not piano is the major area of study, all music students should acquire a thorough practical knowledge of the piano.

A series of recitals is given during the year, in which music students are required to participate, at the discretion of the teacher. All students in applied music are expected to attend student and faculty recitals.

THEORY OF MUSIC

12-13. Music Theory 3 hours per semester

A course in the materials and elements of music, including scales, intervals, traditional four-part writing, sight singing, ear training, and dictation. The year (9:35 M. W. Th.)

14-15. Music Theory 3 hours per semester

A continuation of Music Theory 13 including transitions, modulations, altered chords, and advanced sight singing, ear training, and harmonic dictation. Prerequisite: Music Theory 13. The Year (1:15 M. W. F.)

114-115. Advanced Music Theory 3 hours per semester

Advanced four-part writing, sight singing, ear training, and harmonic dictation. Prerequisite: Music Theory 13. The year (1:15 M. W. F.)

119. Choral Arranging 2 hours

The study and practice of the methods and techniques of arranging and scoring for vocal ensembles, glee club or chorus, with special reference to manuscript preparation and editing. Prerequisite: Music Theory 15 or Advanced Music Theory 115. Spring (10:30 M. W.) alternate years, offered 1959-60.

120. Instrumentation**2 hours**

The study and practice of the methods and techniques of arranging and scoring for instrumental ensembles, band, and orchestra, with emphasis on the problems peculiar to public school music. Prerequisite: Music Theory 15 or Advanced Music Theory 115. Fall (8:40 M. W.), alternate years, offered 1960-61.

APPLIED MUSIC**51, 151. Piano****2 hours per semester**

One lesson weekly.

By appointment

Students who enter college with a background of previous piano study have the option of appearing for the piano examination in order to determine level of advancement with the view to the possible reduction of the eight-hour piano requirement.

Requirements The student must understand how to formulate all major and the three forms of the minor scales. He must be able to play all the major scales and the harmonic minors, the tonic, dom. 7th, and dim. 7th chords in root position and inversions, and the tonic, dom. 7th, and dim. 7th arpeggios in root position and inversions. He must perform a memorized solo of his own choosing, and he will be asked to sight read some of the Bach chorales.

52, 152. Voice**2 hours per semester**

One lesson weekly.

By appointment

Important: Students should not enroll for voice unless they have a practical knowledge of the piano keyboard and of the basic rudiments of music, such as key signatures, staff letter names, and note values.

Voice students should have acquired, by the time of graduation, sufficient knowledge of the piano to enable them to play the simpler types of accompaniments.

53, 153. Organ**2 hours per semester**

One lesson weekly.

By appointment

Each student who wishes to study organ is asked to (1) file a written request with the organ instructor, and (2) appear before the music faculty for a piano examination. This examination will consist of three parts:

- a. The performance of a prepared piano number of the applicant's own choosing.
- b. The playing of selected scales.
- c. The sight reading of a hymn, to be selected.

NO STUDENT SHOULD ENROLL FOR ORGAN UNTIL HE HAS SECURED WRITTEN ACCEPTANCE FROM THE MUSIC FACULTY.

Note: When enrolling, indicate specific instrument.

re-enroll for additional work in organ if they have shown regularity in their practice, and if they have demonstrated satisfactory progress and improvement.

54, 154. Brass**2 hours per semester**

One lesson weekly.

By appointment

Note: Students who are selected for organ study will be permitted to

55. 155. **Woodwinds** 2 hours per semester
One lesson weekly. By appointment

Note: When enrolling, indicate specific instrument.

56. 156. **Strings** 2 hours per semester
One lesson weekly. By appointment

Note: When enrolling, indicate specific instrument.

58. **Beginning Voice Class** 2 hours

The study of proper voice production and the fundamentals of individual and ensemble singing presented through progressive vocalises and songs. Prerequisite: A practical knowledge of the piano keyboard and the basic rudiments of music, such as key signatures, staff letter names, note values. Fall and Spring (1:15 T, Th.)

59. **Intermediate Voice Class** 2 hours

A continuation of the study of the fundamentals of voice training as presented in Beginning Voice Class, attempting to develop for the student a more musical and expressive voice for solo and ensemble performance. Prerequisite: Beginning Voice Class, or one semester of private study in voice. Fall and Spring (11:25 W, F.)

161. **Piano Methods and Materials** 2 hours

A review of established piano teaching methods and techniques along with the survey of piano teaching and recital materials of various types. Prerequisite: at least two years of piano study. Offered on demand.

163. **Organ Methods and Materials** 1-2 hours

A survey of organ teaching methods and techniques, with study devoted to organ literature of various types for church services and recital. Offered on demand.

MUSIC EDUCATION

71. **Music Appreciation** 3 hours

A non-technical course designed to establish a foundation in the enjoyment and appreciation of music through recordings and outside reading. Spring (8:40 M, W, F.; 2:10 M, W, F.)

72. **Music History I** 2 hours

A study of the development of music from pre-Christian times to approximately 1800 A.D. Fall (2:10 T, Th.), alternate years, offered 1959-60.

73. **Music History II** 2 hours

A study of the music of the western civilization from approximately 1800 to the present. Spring (2:10 T, Th.), alternate years, offered 1959-60.

74. **Music in the Elementary School** 3 hours

A course designed for the non-music major who is completing the elementary teacher's certificate. It is the study of music methods and materials for the elementary grades as related to the responsibilities of the classroom teacher. Spring (11:25 M, T, Th.)

- 75. Song Leading and Choral Directing** **3 hours**
 An introductory study of the basic techniques of music leadership as applied to song and choir directing. Spring (10:30 T. Th. F.), alternate years, offered 1960-61.
- 76. Church Music** **2 hours**
 An introductory study of the theory and practice of the music of the church, with attention given to the practical problems of church music leadership. Offered on demand.
- 78. Instrumental Methods: Brass** **2 hours**
 An introductory study of the practical playing ranges, fingering techniques, problems of tone production, and key relationships of the various brass instruments of the modern band and orchestra. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1959-60.
- 81. Instrumental Methods: Woodwinds** **2 hours**
 An introductory study of the practical playing ranges, fingering techniques, problems of tone production, and key relationships of the various woodwind instruments of the modern band and orchestra. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1960-61.
- 82. Instrumental Methods: Strings** **2 hours**
 An introductory study of the violin, viola, cello, and string bass with emphasis on the teaching of beginners in the public school. Fall (7:45 M., 8:40 T. Th.), alternate years, offered 1960-61.
- 84. Elementary School Music Methods** **3 hours**
 A study of methods and materials for the teaching and supervising of music in the elementary school. (Course designed for music majors.) Fall (10:30 T. Th. F.), alternate years, offered 1959-60.
- 85. Secondary School Music Methods** **3 hours**
 A study of the methods and materials for the teaching of music in the junior and senior high school. (Course designed for music majors.) Spring (10:30 T. Th. F.), alternate years, offered 1959-60.
- 171. Music History and Appreciation** **3 hours**
 A course including materials from both areas identified in the course title. The materials covered are particularly applicable to the work of the elementary teacher. Summer on demand.
- 172. Music to 1800** **2 hours**
 A survey of the development of music from pre-Christian times to approximately 1800 A.D. Fall (2:10 T. Th.), alternate years, offered 1959-60.
- 173. Music in the 19th Century** **2 hours**
 A survey of the music of western civilization from the beginning of the 19th century to the early 20th century. Spring (2:10 T. Th.), alternate years, offered 1959-60.

- 175. Fundamentals of Conducting** **2 hours**
 The study and practice of the fundamental techniques of conducting as applied to song leading, choral and instrumental directing. Spring (10:30 T. Th. F.), alternate years, offered 1960-61.
- 176. Theory and Practice of Church Music** **2 hours**
 A general survey of the history, theory, and practice of sacred music, with special consideration given to the practical aspects of church music leadership. Offered on demand.
- 178. Brass Methods and Materials** **2 hours**
 A study of the practical playing ranges and teaching problems of the various instruments of the modern band and orchestra, with special reference to methods and materials. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1959-60.
- 181. Woodwinds Methods and Materials** **2 hours**
 A study of the practical playing ranges and teaching problems of the various woodwind instruments of the modern band and orchestra, with special reference to methods and materials. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1960-61.
- 182. String Methods and Materials** **2 hours**
 A study of the problems of playing and teaching violin, viola, cello, and string bass with special reference to methods and materials. Fall (7:45 M., 8:40 T. Th.), alternate years, offered 1960-61.
- 184. Music Methods and Materials: Elementary School** **3 hours**
 A study of the theory and practice of public school music and a survey of methods and materials of music teaching for the elementary level. (Course designed for music majors.) Fall (10:30 T. Th. F.), alternate years, offered 1959-60.
- 185. Music Methods and Materials: Secondary School** **3 hours**
 A study of the theory and practice of public school music as related to methods and materials for music teaching and directing on the junior and senior high levels. (Course designed for music majors.) Spring (10:30 T. Th. F.), alternate years, offered 1959-60.
- 189. Problems in Music** **1-3 hours**
 Advanced study of special topics in the field of music. Consent of the instructor. By appointment.

ORGANIZATIONS AND ENSEMBLES

Musical Organizations and Ensembles: Ensemble credit may be secured in the following organizations: A Cappella Choir, Chapel Choir, Band, Orchestra, College Church Choir, Quartette, Trio, Piano Ensemble, and Small Instrumental Ensembles. A student may participate in several of these organizations as long as practicable; however, he should not engage in more than four at a time. While credit will be given for each semester of ensemble activity, not more than four hours credit may be applied toward a degree.

All students who wish to participate in any of the above ensemble activities are requested to make formal application on the proper questionnaire during enrollment time in September. ALL NEW applicants should arrange to appear before the ensemble director for a Placement Test. FORMER members should verify in writing their desire to be re-considered for membership in the new organization(s). The questionnaires may be secured from the Central Office or from the Music Department during enrollment week of the fall semester. They should be filled out carefully and turned in to the respective ensemble directors by the end of the first week of school.

Official enrollment in the various musical groups will NOT be entered on the records in September. Rather, at the beginning of the of the second semester the students will enroll for the specific organization(s) of which they have been, or will be, regular members. At that time, enrollment will be recorded for both, or either, of the two semesters' activities, according to the amount of credit earned and/or to be earned during the two semesters of the school year.

91. A Cappella Choir

1 hour per year

The A Cappella Choir, as the name indicates, specializes in the singing of unaccompanied choral literature. It is a highly selective choral organization whose members are chosen on the basis of maturity of voice and choral experience. It is limited to 45 voices. Students must be enrolled in at least 12 credit hours of school work to be eligible for membership in the A Cappella Choir. Members are expected to maintain their eligibility throughout both semesters of the school year. The year (3:05 M., 4:00 T., Th.).

92. Band

1 hour per year

The College Band is open to all qualified instrumentalists upon application to the band director. All applicants are requested to fill out a questionnaire; new applicants should arrange with the director for a tryout during enrollment days. The year (3:05 T., W., F.).

93. Chapel Choir

1 hour per year

The Chapel Choir is a choir of about 40 voices, made up of the overflow of singers who cannot be used in the limited ranks of the A Cappella Choir. The year (3:05 M., 4:00 T., Th.).

94. Church Choir

1/2 hour per year

The College Church Choir is a choir of about 32 voices, made up of college students who have an interest in church music and who wish to make a contribution to the worship services of the college church. These singers are chosen on the basis of a questionnaire and placement test. The choir rehearses once a week and participates in the worship services on alternate Sundays. The year (4:10 W.).

95. Orchestra

1 hour per year

The College-Civic Orchestra is open to all qualified instrumentalists upon application to the director. All applicants should fill out a questionnaire available during the enrollment days; NEW applicants should arrange with the director for a tryout at the time of enrollment. The year (4:00 M., 5:30 T., 3:05 Th.).

96. Piano Ensemble **½ hour per semester**

Piano Ensemble is a valuable course for piano students as it introduces a new repertoire and teaches cooperation in musical effort. Students may also participate in piano ensembles as an extracurricular activity without credit. By appointment.

97. Small Instrumental Ensemble **1 hour per year**

String, brass, or woodwind ensembles organized by tryouts and according to interest and available talent. By appointment.

98. Small Vocal Ensembles **1 hour per year**

The smaller college singing groups are organized on the basis of questionnaires, placement tests, and a series of tryouts. Several groups are selected each year, depending upon the talent available.

Because of the important deputation work which the small vocal ensembles do, students who are regular members of these groups will be granted credit free of tuition charges.

Each group will rehearse one period per day and will meet at least once a week with the instructor. By appointment.

Philosophy and Religion

Requirements for a major: A minimum of twenty-four semester hours, including courses 21, 22, 107 or 108, 111 or 116. Other courses which meet the needs of the student will be chosen by the student in consultation with a professor in the department.

21. Old Testament Life and Literature **3 hours**

A study of Old Testament history, social life, religion, and literature. Emphasis is placed on a first-hand study of the Old Testament. Fall (10:30 T. Th. F.; 2:10 M. W. F.).

22. New Testament Life and Literature **3 hours**

A study of the founding and development of Christianity as reflected in the books of the New Testament. Emphasis is placed on the setting, authorship, and message of each book. Spring (10:30 T. Th. F.; 2:10 M. W. F.).

23. Psalms and Wisdom Literature **3 hours**

A study of Job, Psalms, Proverbs, and Ecclesiastes in the light of their ancient setting and with a view to their present value. Fall (9:35 M. W. Th.), alternate years, offered 1960-61.

24. History and Doctrines of the Church of the Brethren **3 hours**

A treatment of historical antecedents, a history from 1708 to the present, and beliefs and practices of the Brethren, viewed both from the standpoint of their historical origin and their modern application. Fall (7:45 T. W. F.), alternate years, offered 1960-61.

25. Seminar in Brethren Thought **2 hours**

A study in Brethren beliefs, a survey of current Brethren literature, and an encounter with some of the current issues in Brethren thought. Spring (10:30 M. W.), alternate years, offered 1959-60.

26. Seminar in Christian Education **2 hours**

A course dealing with the total educational task and program of the church, with special reference to the church school. Aims, curriculum, organization, and administration will be studied. Spring (11:25 W. F.), alternate years, offered 1959-60.

52. Seminar for Ministerial Students **1 hour**

A course designed to introduce the student to the nature, authority, and work of the ministry. Spring (10:30 M. W.), alternate years, offered 1960-61.

73. Christianity and War **2 hours**

A study of relevant Biblical passages, a survey of the variety of attitudes through history, and an analysis of contemporary issues. Fall (10:30 M. W.), alternate years, offered 1959-60.

106. Prophets of the Old Testament **3 hours**

A study of the great prophets of the Hebrew religion in relation to the social and religious problems and the political crises of their times. Careful study in the writings of the prophets. Spring (8:40 M. W. F.).

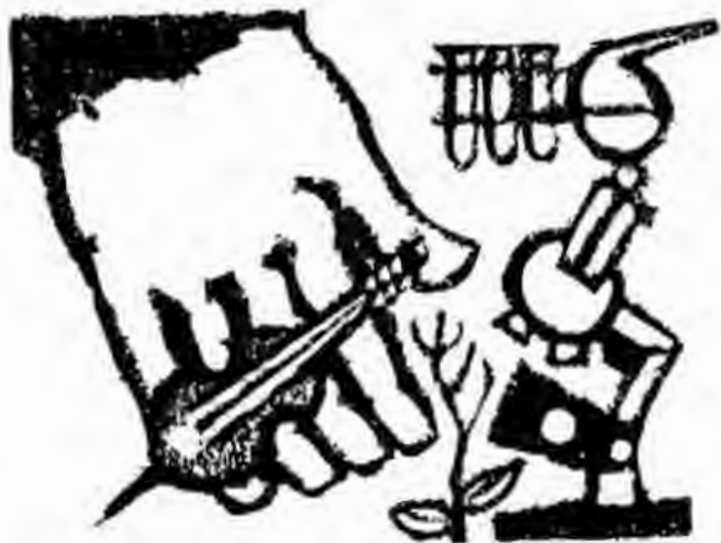
- 107. Introduction to Philosophy** 3 hours
A course designed to introduce the student to the basic branches, problems, and systems of philosophical thought. Fall (10:30 T. Th. F.).
- 108. History of Philosophy** 3 hours
An approach to philosophical thought by the study of outstanding thinkers from Plato to the present. Prerequisite: Philosophy 107 recommended but not required. Spring (10:30 T. Th. F.), alternate years, offered 1960-61.
- 111. Life and Teachings of Jesus** 3 hours
A careful study of Jesus' life and teachings in their historical setting and as recorded in the Gospels; emphasis on the practical implications of his life and teachings for the present day living. Fall (11:25 M. T. Th.).
- 116. Life, Letters, and Theology of Paul** 3 hours
A study of the life and thought of Paul, using his Biblical epistles as the primary source. Spring (11:25 M. T. Th.).
- 126. Church History** 3 hours
A survey of Christian history with the major emphasis on the origin and growth of the major traditions of the Christian faith, such as Greek Orthodoxy, the rise of the papacy, and monasticism. Spring (9:35 M. W. Th.), alternate years, offered 1960-61.
- 131. Ethics** 3 hours
A study of moral conduct, its historical and scientific backgrounds, its philosophical and religious bases, and its practical applications. Spring (9:35 M. W. Th.), alternate years, offered 1959-60.
- 132. Christianity and Communism** 2 hours
A comparison of the philosophies of history and of basic thought by primary source readings of Marx, Engels, and leading Christian thinkers. Fall (10:30 M. W.), alternate years, offered 1960-61.
- 141. World Religions** 3 hours
A critical appreciation of the great living religions of mankind. Fall (9:35 M. W. Th.), alternate years, offered 1959-60.
- 151. Christian Beliefs** 3 hours
A consideration of the basic doctrines of the Christian faith in the light of major trends in modern Christian thought. The relation of religion to philosophy and science will also be treated. Fall (7:45 T. W. F.), alternate years, offered 1959-60.
- 152. Advanced Seminar for Ministerial Students** 1 hour
A course designed for more specialized consideration of some of the practical tasks of the minister. Prerequisite: course 52. Spring (7:45 M.), alternate years, offered 1959-60.
- 190. Problems in Philosophy or Religion** 1 to 3 hours
Advanced study of special topics in philosophy or religion. Prerequisite: consent of instructor. By appointment.

Humanities — General and Unclassified

165. World Tours

1-3 hours

Supervised participation in organized tours of any geographic area of the world for college credit. Detailed arrangements must be made with the dean of the college and the Curriculum Committee before the tour is begun. By appointment.



Natural Sciences Area . . .

Biology

Requirements for a major— a minimum of twenty-four semester hours including either courses 1, 52, 61, 105, 116, and 183; or courses 1, 32, 34, 105, 116, and 183.

Related supporting courses required: Chemistry 1, other Chemistry 54 or 111, and Physics 5 and 6.

Note: Biology 1 is a prerequisite for all other courses in the Biology Department.

- | | |
|---|----------------|
| 1. General Biology | 4 hours |
| An introductory study of plants and animals. Three recitations and two hours of laboratory. Fall (8:40 M, W, F.; 10:30 T, Th, F.) | |
| 2. Human Biology | 4 hours |
| An introductory study of human anatomy, physiology, reproduction, growth, and development. Human physiology receives special emphasis. This course is not recommended for students who plan to take Biology 52. Three recitations and two hours of laboratory. Spring (9:35 M, W, Th.). | |

32. Botany**4 hours**

A study of the anatomy, physiology, development, and ecology of plants. Representatives from each phylum are studied, but major emphasis is placed upon the seed-bearing plants. Three recitations and three hours of laboratory. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1959-60.

34. Microbiology**4 hours**

A general study of bacteria, yeasts, molds, viruses, and other microorganisms, including consideration of their structure, metabolism, classification, identification, and importance to man. Three recitations and three hours of laboratory. Prerequisite: Chemistry I or consent of the instructor. Spring (7:45 M., 8:40 T. Th.), alternate years, offered 1960-61.

52. Physiology and Anatomy**4 hours**

A thorough study of the physiology of the human body, including a consideration of human anatomy to the extent necessary for the understanding of human physiology. Three recitations and three hours of laboratory. Prerequisite: Chemistry I or consent of the instructor. Spring (7:45 T. W. F.).

61. Comparative Anatomy**5 hours**

A comparative anatomical study of representative vertebrates. The course largely involves a discussion of the homologues and analogies of the vertebrate systems with appropriate laboratory exercises. Three recitations and six hours of laboratory. Fall (7:45 T. W. F.).

105. Invertebrate Zoology**4 hours**

A comparative study of the invertebrate phyla, including their anatomy, physiology, ecology, and phylogeny. Three recitations and three hours of laboratory. Spring (10:30 T. Th. F.), alternate years, offered 1960-61.

109. Embryology**3 hours**

A study of the development of vertebrate animals, with major emphasis on human development. Prerequisite: Biology 61 or consent of the instructor. Fall (7:45 M., 8:40 T. Th.), alternate years, offered 1959-60.

116. Ecology**3 hours**

A study of the relationships of organisms to their environments, including both physical and biotic environments. Spring (10:30 T. Th. F.), alternate years, offered 1959-60.

163. Cytology and Histology**3 hours**

A study of plant and animal cells and animal tissues with respect to component structures and their functions. The laboratory work includes both the study of tissues and practice in the preparation of microscope slides. Two recitations and three hours of laboratory. Fall (8:40 T. Th.), alternate years, offered 1960-61.

183. Genetics**4 hours**

A study of the principles of heredity and the nature and action of genes. Three recitations and three hours of laboratory. Fall (9:35 M. W. Th.).

190. Problems in Biology**1 to 3 hours**

Advanced study of special topics in biology. Prerequisite: consent of the instructor. By appointment.

Chemistry

Requirements for a major: a minimum of twenty-four semester hours including courses 1, 12, 111 or 112, 105 or 106, and others that seem desirable for the student's future plans.

Related supporting courses required: Mathematics 5-6, Physics 5-6; additional approved work in mathematics.

1. General College Chemistry 4 hours

A study of the fundamental principles of chemistry, the properties of matter and what changes it may undergo. Some historical background is presented along with an emphasis on the importance of chemistry to our modern world. Lecture three hours, laboratory three hours. Fall (10:30 T, Th, F., laboratory 1:15-3:55 T or W.)

12. Inorganic Chemistry and Qualitative Analysis 4 hours

A systematic study of the chemistry of the metals and non-metals; laboratory work in qualitative analysis. Lecture three hours, laboratory six hours. Prerequisite: Chemistry 1. Spring (10:30 T, Th, F.)

13. Analytical Chemistry 4 hours

A continuation of the study of qualitative analysis leading into quantitative analysis. Emphasis is placed on the inter-relation of the two fields, and both qualitative and quantitative analysis is carried out in the laboratory work. Lecture two hours, laboratory six hours. Prerequisite: Chemistry 12. Fall (1:15-3:00 M.), alternate years, offered 1960-61.

54. Introductory Organic Chemistry 4 hours

A study of the fundamentals of organic chemistry, including both aliphatic and aromatic compounds, proteins, fats, and carbohydrates. Nutritional, medicinal, and biochemical aspects of organic chemistry are emphasized. Lecture three hours, laboratory two hours. Prerequisite: Chemistry 1. Spring (8:40 M, W, F.), alternate years, offered 1959-60.

105. Quantitative Analysis 4 hours

Principles and practice in gravimetric and volumetric methods of analysis. Lecture two hours, laboratory six hours. Prerequisite: Chemistry 12. Fall (10:30 M, W.), alternate years, offered 1959-60.

106. Quantitative Analysis 4 hours

Principles and practice in volumetric, electrometric, colorimetric, and other methods of analysis. Lecture two hours, laboratory six hours. Prerequisite: Chemistry 105 or 13. Spring (10:30 M, W.), alternate years, offered 1959-60.

111. Organic Chemistry 4 hours

A study of the more important groups of organic compounds, both aliphatic and aromatic. Lecture three hours, laboratory three hours. Prerequisite: Chemistry 12. Fall (11:25 M, T, Th.), alternate years, offered 1960-61.

112. Advanced Organic Chemistry**4 hours**

Advanced study of the principles of organic chemistry with emphasis on the mechanisms of reactions and organic synthesis. Lecture three hours, laboratory three hours. Prerequisite: Chemistry 54 or 111. Spring (11:25 M. T. Th.), alternate years, offered 1960-61.

113. Advanced Organic Preparations**1-2 hours**

Laboratory work in the preparation of special organic compounds. Laboratory three or six hours. Prerequisite: Chemistry 111. By appointment.

113. Advanced Inorganic Preparations**1-2 hours**

Laboratory work in the preparation of inorganic compounds. Laboratory three or six hours. Prerequisite: Chemistry 12. By appointment.

141. Biochemistry**4 hours**

A study of the chemistry of plant and animal life with emphasis on the chemistry of the human body. Lecture three hours, laboratory two hours. Prerequisite: Chemistry 54 or 111. Fall (9:35 M. W. Th.), alternate years, offered 1959-60.

141. Physical Chemistry**3 hours**

A study of the physical chemical properties of matter including thermodynamics, kinetic theory, electrochemistry, and other areas of physical chemistry. Lecture two hours, laboratory three hours. Prerequisites: fifteen hours of Chemistry and Mathematics 51-52. Fall (8:40 T. Th.), alternate years, offered 1960-61.

Mathematics

Requirements for a Major: A minimum of twenty-four semester hours of approved courses in mathematics. Related supporting courses required: Chemistry 1, and Physics 5-6.

1. Principles of Arithmetic **3 hours**

Principles of arithmetical calculation; common and decimal fractions, ratio and proportion, percentage, elements of finance. Fall (10:30 T, Th, F.).

2. Algebra **3 hours**

Fundamental operations, linear and quadratic equations, exponents and radicals, progressions, determinants, binomial theorem, and probability. Fall (9:35 M, W, Th.).

6. Trigonometry **3 hours**

Trigonometric functions and equations; solution of triangles; logarithms. Spring (9:25 M, W, Th.).

51-52. Analytical Geometry and Calculus **3 hours per semester**

Functions, equations and graphs; differentiation and integration of algebraic equations; maximum and minimum values, line rates, areas and volumes, equations of conic sections; differentiation of trigonometric, exponential and logarithmic functions. The year (7:45 M., 8:40 T, Th.).

101-102. Calculus **3 hours per semester**

Standard forms of integration, polar coordinates, surfaces and curves in space, partial differentiation, multiple integrals, infinite series. The year (10:30 T, Th, F.).

108. Mathematics of Finance **3 hours**

Solving problems dealing with annuities, life insurance, value of bonds, amortization of debts and depreciation of property by the use of geometric progressions and logarithms. Fall (11:25 M, T, Th.), alternate years, offered 1959-60.

118. Mechanics **3 hours**

Applications of principles of mechanics and vector analysis to problems involving force, friction, velocity, acceleration, momentum, and energy. Prerequisites: Math. 101 and Physics 5-6. Spring (7:45 T, W, F.), alternate years, offered 1960-61.

130. Differential Equations **3 hours**

Methods of solving ordinary differential equations with applications to problems in science. Prerequisite: Math 102. Spring (11:25 M, T, Th.), alternate years, offered 1959-60.

189. Problems in Mathematics **2 or 3 hours**

Prerequisite: Twelve hours of mathematics and consent of the instructor. By appointment.

Physics

Requirements for a major: A minimum of twenty-four semester hours including courses 5, 6, 112, and 113. Related supporting courses required: Mathematics 51, 52, 101 and 102 and Chemistry I.

5-6. General Physics 4 hours per semester

A study of mechanics, heat, sound, electricity and magnetism, light, and atomic physics. Three recitations and one two-hour laboratory. Prerequisite: Math. 5-6. The year (8:40 M. W. F.).

107. Electronics 3 hours

A study of the characteristics of vacuum tubes and transistors and their applications in amplifiers, detectors, regulators, oscillators, and measuring devices. Prerequisite: Physics 5-6. Fall (11:25 M. T. Th.), alternate years, offered 1960-61.

112. Advanced Optics and Heat 3 hours

A study of lens systems, optical apparatus, and physical optics, laws of thermodynamics, change of phase, kinetic theory, and engineering applications. Prerequisites: Physics 5-6 and Math. 51-52. Fall (7:45 T. W. F.), alternate years, offered 1959-60.

113. Advanced Electricity 4 hours

A study of direct and alternating current networks, potential, electric and magnetic fields, and applications. Three recitations and one two-hour laboratory. Prerequisites: Physics 5-6 and Math. 51-52. Spring (7:45 T. W. F.), alternate years, offered 1959-60.

116. Mechanics 3 hours

Applications of principles of mechanics and vector analysis to problems involving force, friction, velocity, acceleration, momentum, and energy. Prerequisites: Math. 101 and Physics 5-6. Spring (7:45 T. W. F.), alternate years, offered 1960-61.

123. Atomic Theory 3 hours

Theory of electrons, atoms, isotopes, ionization, X-rays, crystal structure, radioactivity, and formation of spectra. Prerequisites: Physics 5-6 and Math. 51. Fall (7:45 T. W. F.), alternate years, offered 1960-61.

152. Astronomy 3 hours

A study of constellations, planets, meteors, and comets; size, composition, and motion of the sun and stars. Spring (11:25, M. T. Th.), alternate years, offered 1960-61.

177V-178V. Physics for the Atomic Age 3 hours per semester

A study of elementary mechanics, light, electricity, and magnetism, followed in the second semester by a detailed study of atomic and nuclear physics. Prerequisite: one year of college math. Time to be announced.

189. Problems in Physics 1 to 3 hours

Prerequisite: Twelve hours of physics and consent of instructor. By appointment.

Sciences — General and Unclassified

7. Elementary School Science

3 hours

A study of the relation of astronomy, chemistry, geology, physics, and biological sciences to everyday living, stressing the instruction of this subject matter to elementary school students. Laboratory and demonstrations are included. Fall (7:45 T. W. F.), alternate years, offered 1960-61.

104. Geology

3 hours

A study of the materials and surface features of the earth, the agencies that produce and change them, and their application to man and his uses of them. A study of earth history as shown by fossils and rock structure. Lecture three hours, laboratory one hour. Spring (9:35 M. W. Th.), alternate years, offered 1960-61.

140. Natural Science Workshop

1 hour

A workshop devoting special attention to the usefulness of an understanding of science in teaching in the elementary school. Summer only.

Social Sciences Area . . .

Economics and Business Administration

Requirements for a major: A minimum of twenty-four semester hours, including courses 1, 4, 5, 8, and a minimum of twelve hours in upper-level courses, including three of the following: 110, 123, 126, 130, 151.

Students who plan to teach high school commercial subjects are advised to prepare to teach both shorthand and typewriting by taking courses in the secretarial sciences in addition to courses in economics and business administration.

1. Elementary Economics 3 hours

The first semester of the general economics course, dealing with these major topics: the resources, income, and production organization of the United States; money, banking, and the volume of economic activity; pricing and the allocation of resources. Open to freshmen only on permission of the instructor. Fall (10:30 T, Th, F, and 11:25 M, T, Th.); spring (10:30 T, Th, F.).

4. Elementary Economics 3 hours

The second semester of general economics, dealing with these major topics: distribution of income; international economics; public finance, public policy, and economic growth. Spring (11:25 M, T, Th.).

5-6. Elementary Accounting 3 hours

Fundamental principles of accounting, including the theory of debit and credit as applied to the keeping of double-entry books, preparation of simple financial statements, closing the ledger, partnership and corporation accounting, and the use of columnar books and controlling accounts. The year (8:40 M, W, F., and 1:15 M, W, F.).

20. Principles of Geography 3 hours

A study of the relation of man to his environment, physical factors and their effects on man's activities; regional influences. A course which will satisfy the geography requirements for an elementary teacher's certificate. Spring (8:40 M, W, F.).

105. Intermediate Accounting 2 hours

A study of accounting principles and procedures essential to the preparation of adequate financial statements with emphasis on the corporate forms. Special attention is given to capital contributions, treasury stock, adjustments, and statements of surplus, income determination, cash, receivables, and inventory. Prerequisite: Elementary Accounting. Fall (8:40 T, Th.), alternate years, offered 1959-60.

- 106. Intermediate Accounting** **2 hours**
 A continuation of Course 105. Deals mainly with consignments, installments, investments, fixed assets, depreciation and depletion, intangible assets, current and fixed liabilities, funds and reserves, and analysis of financial statements. Prerequisite: course 105. Spring (8:40 T. Th.), alternate years, offered 1959-60.
- 109. International Economics** **3 hours**
 An analysis of the problems of the modern international economy; a study of the mechanisms of international trade and finance; an evaluation of international commercial and financial policies and institutions, with special reference to those of the United States and the United Nations. Prerequisite: one course in economics or consent of instructor. Fall (9:35 M. W. Th.), alternate years, offered 1960-61.
- 110. Business Law** **3 hours**
 A survey of the background of law. Contracts, sales, agency, bailments, negotiable instruments, partnerships, and corporations are among the subjects discussed. Emphasis on the relation of law to ordinary business transactions. Spring (7:45 T. W. F.), alternate years, offered 1959-60.
- 116. Income Tax Accounting** **2 hours**
 A study of the federal income tax laws regarding taxable income, deductions, exemptions, calculation of tax, and filing returns. The course covers federal income tax for the individual, the partnership, and the small corporation. Some attention is given to the Kansas individual income tax. Prerequisite: 3 hours of accounting or consent of instructor. Spring (8:40 T. Th.), alternate years, offered 1960-61.
- 121. Marketing** **2 hours**
 A study of the functions of marketing and the agencies performing these functions; the elimination of middlemen by cooperative marketing and direct marketing; the retail system; problems of price setting, price maintenance, unfair competition, and the relation of government to marketing. Fall (11:25 W. F.), alternate years, offered 1959-60.
- 123. Business Organization and Finance** **3 hours**
 A study of forms of business organizations, financial policies and methods of raising capital, forms of securities, the theory of plant location, equipment of plants, determination of costs, scientific management, and employment problems. Fall (7:45 T. W. F.), alternate years, offered 1959-60.
- 126. Intermediate Economic Theory** **2 hours**
 A study of the important theories of recent and contemporary economists and of the relation of economic activities to the general social welfare. Prerequisite: Elementary Economics or the consent of the instructor. Spring (11:25 W. F.), alternate years, offered 1960-61.

139. Public Finance **3 hours**

A study of public expenditures, public revenues, public debt, and the tax problem with special emphasis placed upon the shifting and incidence of taxation, and upon the present tax system in the United States. Spring (7:45 T. W. F.), alternate years, offered 1960-61.

140. Labor Economics **2 hours**

An analysis of the growth of a working class; trade unionism, and collective bargaining and public policy; the economics of income and security with emphasis on recent developments in the field of social security. Spring (11:25, W. F.), alternate years, offered 1959-60.

151. Money and Banking **3 hours**

A study of the nature and functions of money, its relation to prices, the monetary system of the U. S., functions of banks, bank statements, bank credit, the American banking system, bank organization, foreign exchange, and foreign banking systems. Fall (7:45 T. W. F.), alternate years, offered 1960-61

199. Independent Study in Economics **1 to 3 hours**

See regulations governing independent study. By appointment

SECRETARIAL SCIENCE

Note: The secretarial courses cannot be used to meet the twenty-four hour requirement for the economics and business administration major, but can be used as elective credit.

11. Elementary Typewriting **3 hours**

A course for students who have had no previous training in typewriting. The purpose is to obtain a working knowledge of the keyboard and to develop considerable speed. Fall (8:40 T. Th., 10:30 W.).

12. Advanced Typewriting **3 hours**

A course designed for students who wish to prepare for clerical or secretarial positions or for teaching typing. Prerequisite: course 11 or its equivalent. Spring (8:40 T. Th., 8:40 W.).

13. Elementary Shorthand **3 hours**

A beginning course in Gregg shorthand in functional method. The aim is to develop an understanding of the basic principles of the shorthand system and to apply these principles to an extensive vocabulary. Transcription and dictation is required with a minimum speed of 80 words a minute. Fall (9:35 M. W. Th.)

14. Advanced Shorthand **3 hours**

A course providing work in rapid dictation and transcription. A speed of from 110 to 120 words a minute is required. Prerequisite: course 13 or its equivalent. Spring (9:35 M. W. Th.).

Note: On sufficient demand, courses may be offered as outlined in catalog of 1954.

History

Requirements for a major: a minimum of twenty-four semester hours including courses 4, 7, 8, 111, and 122.

3. Europe, 1500-1870 3 hours

A study of the Renaissance, the Protestant revolt, the rise of modern nation states, and the significant developments that followed, including the great revolutions of the 18th century. Fall (7:45 T. W. F.), alternate years, offered 1960-61.

4. Twentieth Century Europe 3 hours

A study of the background of the World War (1914-1918), the peace settlement, the contravening factors during the next two decades, the Second World War, and the problems facing the United Nations. Spring (1:15 M. W. F. in 1959-60; 7:45 T. W. F. in 1960-61).

7-8. United States History 3 hours per semester

First semester: 1492-1865; second semester: since 1865. A survey of the political and social growth of the American people from colonial times to the present. The year (9:35 M. W. Th.; 10:30 T. Th. F.).

91. Field Session in Mexican History 3 hours

A reading and laboratory course in Mexican history in which the major part is spent in travel and residence in Mexico. Prerequisite: instructor's permission. Offered in summer of 1959; limited enrollment.

111. The Ancient Mediterranean World 3 hours

A study of the political, social, and cultural development of the ancient Greeks and Romans and their contributions to western civilization. Spring (7:45 T. W. F.), alternate years, offered 1959-60.

117. Latin American History 3 hours

From the colonization by the Spanish and the Portuguese to the present. The institutions of the old regime, the wars of independence, developments and problems of the new nations, and their relations with the United States are emphasized. Fall (7:25 p. m. W.), alternate years, offered 1960-61.

119. The Far East 3 hours

A survey of the emergence of modern Japan, the Chinese struggle for national sovereignty, and contemporary political conflicts, with emphasis on the cultural contrasts between the Occident and the Orient. Fall (8:40 M. W. F.), alternate years, offered 1959-60.

122. Trans-Mississippi West 3 hours

A regional study with emphasis on climatic and geologic backgrounds, exploration, settlement, and present day economic and political significance. Spring (8:40 M. W. F.), alternate years, offered 1960-61.

155. American Diplomatic History **3 hours**

A study of the diplomatic relations of the United States from the Revolutionary period to the present. Fall (11:25 M. T. Th.), alternate years, offered 1960-61.

189-190. Problems in History **1-3 hours per semester**

Advanced study of special topics in history. Prerequisite: consent of the instructor. By appointment.

191. Field Session in Mexican History **3 hours**

A reading and laboratory course in Mexican history which is largely constituted of travel and residence in Mexico. The reading and study requirement in this course is more extensive than that in course 91. Prerequisite: instructor's permission. Offered in summer of 1959; limited enrollment.

199. Historiography **3 hours**

A study in the techniques of historical research and historical criticism. Fall (7:25 p. m. W.), alternate years, offered 1959-60.

POLITICAL SCIENCE**I. United States Government** **3 hours**

A critical study of the organization and operation of the federal, state, and local governments. Fall, 1959-60 (11:25 M. T. Th.); Spring, 1960-61 (1:15 M. W. F.).

101-102. Studies in American Government **1-3 hours per semester**

A course designed for those who desire advanced work in special areas of American Government. Prerequisite: instructor's permission. By appointment.

120. American Politics **2-3 hours**

Students may enroll in two or three hours. Two hours will be spent in the normal classroom approach studying political parties, pressure groups, propaganda, and campaigns and elections. An additional hour will be offered in which the class will spend approximately one week in Washington, D. C., in observation and interviews dealing with governmental and political issues. Spring (11:25 M. T. Th.), alternate years, offered 1959-60.

150. International Relations **3 hours**

A study of the twentieth-century nationalism, imperialism, militarism, international law, international organization and cooperation, and contemporary political problems. Prerequisite: 18 hours of college history. Spring (11:25 M. T. Th.), alternate years, offered 1960-61.

152. Comparative Government **3 hours**

An analysis of the important governments of the contemporary period. Spring (8:40 M. W. F.), alternate years, offered 1959-60.

Sociology

Requirements for a major: A minimum of twenty-four semester hours including courses 25, 30, 75, 107, 114, and 115.

- 25. Principles of Sociology** **3 hours**
 A basic course in sociology in which the fundamentals of sociology are considered. It is designed for majors in the department, as well as for others who want to understand the structure and function of society. Fall (1:15 M. W. F.).
- 30. Rural Sociology** **3 hours**
 A study of rural life, its composition characteristics, problems; trends, organizations, and religious, educational, and special interests. Rural America as a way of life is stressed along with an analysis of possible solutions to its present problems. Spring (1:15 M. W. F.).
- 40. Social Problems** **3 hours**
 A course considering important present day social problems as well as working philosophy for dealing with these problems. Spring (7:45 T. W. F.).
- 75. Marriage and the Family** **3 hours**
 An examination of the factors leading to successful marriage: dating, courtship, engagement, marital adjustment, child training, the handling of money, retirement, and old age; the unmarried; the broken home. It emphasizes the intermingling of spiritual, psychological, physiological, and intellectual factors in marriage. Fall (9:35 M. W. Th.).
- 106. Growth of Culture** **3 hours**
 A course seeking to help people understand why they are as they are and why they believe as they do. It seeks to help the student understand cultural accumulations and directions. Religion, history, sociology, philosophy, and other areas are correlated. Spring (9:35 M. W. Th.).
- 107. Cultural Anthropology** **3 hours**
 A course seeking to develop an understanding and appreciation of the debt to man's progenitors from the standpoint of beliefs, economics, art, music, language, customs, mores, inventions, and culture patterns; an attempt to understand and evaluate the present in the light of the past and to show the continuity of cultural development and accumulation. Fall (7:45 T. W. F.), alternate years, offered 1960-61.
- 108. Social Life and the Church** **3 hours**
 A course considering the expression of the church through the centuries in social life. Spring (2:10 M. W. F.), alternate years, offered 1959-60.

110. Social Psychology **3 hours**

A course attempting to explain group behavior in terms of psychological laws and principles, with special emphasis placed on the effects of environment and personality development. Spring (2:10 M. W. F.), alternate years, offered 1959-61.

112. Criminology **3 hours**

A study of the causes and characteristics of the criminal and his crime, with more emphasis on the individual, the criminal, and his relation to his fellows, than on institutions. An attempt to analyze and understand the legal and penological aspects of crime, crime prevention, and criminal treatment; a consideration of the cultural background of crime. Spring (10:30 T. Th. F.), alternate years, offered 1959-60.

114. Urban Sociology **3 hours**

A course tracing the growing importance of cities from early times through the several world civilizations that developed to our great cities of today. Modern scientific studies are considered. Recent trends and progress in housing, zoning, city planning, looking forward to a better city of tomorrow, are analyzed. Spring (10:30 T. Th. F.), alternate years, offered 1960-61.

115. History of Social Thought **3 hours**

A course seeking to cover the social thinking of man from primitive times until the present. Great thinkers and systems of thought from the time of recorded history until the present time are considered. Something of the rise of modern sociological thought and writings in the more definite field of sociology are considered. Fall (7:45 T. W. F.), alternate years, offered 1959-60.

117. Social Work **3 hours**

A course offering a general survey of the field of social work, including a study of methods and of applications. It is designed for educational, religious, pre-professional, and social work students; any student may find it helpful. Fall (10:30 T. Th. F.), alternate years, offered 1960-61.

161. Social Development and the Community **3 hours**

A consideration of the place of personal development; recognition of social science in social living and social processes. Several basic institutions such as the family, (recreational) groups, the school, and the church are included. Fall (10:30 T. Th. F.), alternate years, offered 1959-60.

- 165. Summer Social Service Projects** **1 to 7 hours**
 An arrangement making possible the earning of social service credit by students entering Brethren Volunteer Service or similar organized programs involving supervised work in mental hospital units, work camps, and like projects. Arrangements must be made with the department and the Curriculum Committee before the student joins the project. The student is expected to take part in the unit's educational program, do pertinent reading, and make a written evaluation of his experience within six weeks after the fall term begins. Summer session or by special arrangement.
- 175. Social Science for Children.** **3 hours**
(Including Conservation of Resources)
 A specialized course directed toward the teaching of social science in the elementary school. By appointment.
- 189. Problems in Sociology** **1 to 3 hours**
 Advanced study of special topics in sociology. Prerequisite: consent of the instructor. By appointment.
- 199. Independent Study in Sociology** **1 to 3 hours**
 See regulations governing independent study. By appointment.

Social Sciences — General and Unclassified

- I. Orientation** **1 hour**
 A course required of all regularly enrolled freshmen designed to help the student make the best possible adjustment to college in general and to McPherson College in particular. Work consists of lectures, forums, reading, occupational guidance, and tests. First nine weeks (11:25 W. F.)
- 165. World Tours** **1-3 hours**
 Supervised participation in organized tours of any geographic area of the world for college credit. Detailed arrangements must be made with the dean of the college and the Curriculum Committee before the tour is begun. By appointment.

Practical Arts and Applied Sciences Area . .

Education and Psychology

It will be the purpose of the department to encourage promising students to enter the teacher education program and to evaluate and offer professional courses for adequately preparing students to teach in either the elementary or secondary school.

Constant study will be conducted in order to provide the most valuable experiences in understanding child growth and development, the supervision of children, the development of the curriculum, and approaches to the solving of the problems of teaching.

Prospective teachers will receive guidance in developing successful teaching competencies and well-rounded personalities. The department believes that the following competencies, characteristics and abilities should be cultivated: knowledge of subject matter; mental alertness; good usage of spoken and written English; knowledge of and interest in world and community affairs; ability to think clearly, logically, and critically; loyalty to truth in all areas; breadth of view and toleration of viewpoint of others; social competence and responsibility; a Christian philosophy of life; poise, self-control, and self-discipline; progressive achievement toward a desirable personality; leadership; promptness and dependability; faithfulness in duties; physical vitality and health, emotional maturity; cooperative attitude toward school and community; pleasing personal appearance; resourcefulness and initiative; and genuine concern for the welfare of the pupil.

Requirements for a major: a minimum of twenty-four semester hours.

1. General Psychology

3 hours

An introduction to the study of human behavior. Emphasis is on the application of the science of psychology to problems of everyday life. Fall (9:35 M, W, Th.); Spring (9:35 M, W, Th. and 1:15 M, W, F.).

Area Distribution: Professional education for meeting teacher certification requirements involves these areas: (A) courses directed toward understanding the pupil, (B) courses directed toward understanding the function of the school as a social institution, and (C) courses directed toward obtaining competence in instruction. The courses listed under each area are those which will meet the requirement in that area.

Area A: (Six hours required from this area for either elementary or secondary teachers).

107. Guidance **3 hours**

A study of techniques for understanding the individual, the basic principles of guidance and their application to the individual, and the organization of the guidance program. Particular emphasis will be given to the role of the teacher in the guidance program. Summer and on demand.

116. Educational Psychology **3 hours**

A study of the origins, growth, and maturity of human behavior as it relates to the teacher's job in the classroom. Emphasizes types, theories, and methods of learning, also includes related problems of the classroom teacher. Summer and on demand.

117. Understanding the Child (Elementary Block) **6 hours**

A course designed to give the teacher an understanding of some of the principles of educational psychology so that he can give guidance to the child in helping him to meet the problems that he encounters in his relationship with the school. Also includes units on providing favorable conditions for the acquiring, retention, and effective use of knowledge. (This course brings together three hours of Educational Psychology and three hours of Principles of Guidance.) Fall (7:45-9:35 M, T, W, F., 8:40-10:25 Th, plus laboratory experiences; class meets the first six and last three weeks of the semester.)

118. Psychology of Adolescence **3 hours**

A study of the transition experience that bridges the gap between childhood and adulthood, the physiological experience of attaining maturity; and the sociological experience of adjustment of teen-agers. Spring (7:45 T, W, F.).

119. Understanding the Pupil (Secondary Block) **6 hours**

An integrated course presenting tools and techniques used by guidance workers in secondary schools along with a basic understanding of the psychological principles that govern human behavior in relation to the learning process. (This course brings together three hours of Educational Psychology and three hours of Principles of Guidance.) Fall (7:45-9:35 M, T, W, F., 8:40-10:25 Th, plus laboratory experiences; class meets the first six and last three weeks of the semester.)

142. Child Growth, Development, and Psychology **3 hours**

A study of the physical, mental, social, and personal growth and development of the child from birth to adolescence. Also a view of the principles involved in understanding and guiding young children. Spring (1:15 M, W, F.), alternate years, offered 1960-61.

144. Nontypical Child **3 hours**

A basis for the understanding and adjustment of educational problems of elementary school children who show exceptional characteristics such as feeble-mindedness, giftedness, subject disabilities, speech disorder, blindness, deafness, behavior problems, and delinquency. Spring (1:15 M, W, F.), alternate years, offered 1959-60.

Area B: (Six hours required from this area for either elementary or secondary teachers.)

100. Principles of Elementary Education **3 hours**

An orientation to fundamental issues, ideas, and concepts regarding the education of children of elementary school age and a study of the objectives, subject matter, and organization of elementary education for teaching. Spring (11:25 M. T. Th.).

115. Introduction to Education **3 hours**

An orientation to teaching with stress upon planning for a career in teaching as a profession with the consideration of the teacher's role in his profession and in society, the historical background and the present organization of the American public school system, and the legal aspects of such problems as certificates, contracts, retirement, school aid, and taxation. Fall (1:15 M. W. F.).

125. History of Education **3 hours**

The essential educational philosophies and their development with special emphasis on the development of the American education system. Summer and on demand.

145. Secondary School **3 hours**

A study of aims and objectives and the organization of American secondary education with emphasis on principles of secondary education including the teacher's responsibility in the modern secondary school program. Fall (11:25 M. T. W. Th. F. plus laboratory experiences; class meets the first six and last three weeks of the semester.)

Area C: (Eight hours from this area for either elementary or secondary teachers.)

74. Music in the Elementary School

(see Music)

84. Elementary School Music Methods

(see Music)

85. Secondary School Music Methods

(see Music)

111. Instruction Methods. The Teaching of Reading **3 hours**

A study of the methods of teaching reading; a course which is part of the elementary block for seniors. Fall (10:30 M. T. W. Th. F.); class meets the first six and last three weeks of the semester.)

133. Language Arts Methods **3 hours**

A study of aims, methods, and materials for teaching the English language arts in the secondary school with optional units on the teaching of foreign languages. Spring (4:00-5:40 M. and 4:00-4:50 W.), alternate years, offered 1959-60.

153. Supervised Student Teaching in the Elementary School 1-8 hours

Seniors who are qualifying for degree elementary certificates will participate in the elementary educational block program which allows them to do observing and teaching under an elementary school supervisor in the city of McPherson and towns of the surrounding area all day for a period of nine weeks. Prerequisite: six hours in the Education Department. Fall (M. T. W. Th. F. by appointment, weekly conference 7:45 M.; weeks seven through fifteen.)

155. Supervised Student Teaching in the Secondary School 1-8 hours

Students observe and do actual teaching on a full-day basis for nine weeks under the guidance of supervising teachers in the secondary schools of the city of McPherson and towns of the surrounding area. Prerequisite: six hours in the Education Department. Fall (M. T. W. Th. F. by appointment, weekly conference 7:45 M.; weeks seven through fifteen.)

157. Methods of Teaching Individual Sports 3 hours

Presentation of teaching techniques and analysis of the fundamental skills of individual sports. Training in officiating and managing tournaments in the intramural program. Prerequisites: Courses 3, 4, 5, 6 in physical education or permission of the instructor. Fall (9:35 M. W. Th.), alternate years, offered 1960-61.

158. Methods of Teaching Team Sports 3 hours

Same as 157 except that emphasis is placed on team sports rather than individual sports. Prerequisites: Courses 3, 4, 5, 6 or permission of the instructor. Spring (9:35 M. W. Th.), alternate years, offered 1960-61.

184. Music Methods and Materials: Elementary School

(see Music)

185. Music Methods and Materials: Secondary School

(see Music)

187. Seminar in Methodology of Teaching 2 hours

A seminar dealing with methods of teaching at the secondary level. Spring (8:40 T. Th.).

Area D: Special

156. Audio-Visual Education 3 hours

A study of the purpose and effectiveness of audio-visual methods; the types of audio-visual materials and equipment suitable for use in elementary and secondary schools; and the best means of procuring, preparing, and maintaining audio-visual materials. Summer and on demand.

175. Reading Workshop 1 hour

A workshop designed to aid the teacher in dealing with reading problems, methods of organization, and finding suitable reading materials. Special emphasis is given to remedial phases of reading. Summer and on demand.

178. Driver Education Instructor's Course **3 hours**

A course designed to train teachers in the organization and administration of driver training in the high schools. Emphasis is placed on classroom activities, practice driving instruction and techniques, and driver testing devices and other training aids. Actual instruction experience in an automobile is provided. (This course does not apply toward an education major.) Summer.

189. Problems in Education or Psychology **1-3 hours**

Advanced study of special topics in education or psychology. Prerequisite: Consent of instructor. By appointment.

Note: on sufficient demand, other courses may be offered as authorized in catalog 1955-57.

Teacher Education: Students who wish to enter the teaching profession must present satisfactory evidence of teaching aptitude, physical fitness, scholarship, personality, and character. To be recommended for certification, a student must have as many grade points as he has semester hours of credit or a "C" average in all college work.

Students who wish to qualify for any teaching certificate must receive the approval of an examining committee, composed of the dean of the college and the members of the education faculty. The applications of students who wish to qualify for a degree certificate must be approved before enrollment for the first semester of the junior year.

Application forms may be obtained from the head of the Department of Education at the time of registration and when completed, returned to him.

An excellent learning situation is provided for student teaching both in the schools of the city of McPherson and towns of the surrounding area.

Student teaching is done in a "block" of time. It begins the seventh week of the semester and continues through the fifteenth. Those students who are assigned schools outside McPherson are urged to move into the community and take part in its activities the same as local teachers. Students not only observe methods in teaching and the demonstration and use of modern equipment and teaching materials, but also assume responsibility in the area of extracurricular activities.

Requirements and Suggestions for Teachers:

General Requirements for Teachers: Only those who have been trained in elementary education shall be permitted to teach in the elementary school; certificates issued to secondary teachers are valid only for teaching at the secondary level.

McPherson College will declare itself to be the "parent institution" for a non-degree teacher making application for (or a request for renewal of) a Kansas teachers' certificate only after the completion of eight semester hours of work at McPherson College. (At least six of the last nine hours appearing on the transcript must have been earned at McPherson College.)

McPherson College will not normally declare itself to be the parent institution for the graduate of another college. An exception may be made in the case of the graduate of another institution who has accumulated 12 hours of credit at McPherson after graduation from the other institution.

Requirements for either the Degree Elementary Certificate or the Degree Secondary Certificate:

General Education—50 semester hours minimum credit distributed as follows:

Oral and written communications	6 hours
Physical and biological science (must include both and may include mathematics)	10 hours
Literature or language	6 hours
Physical and mental health, human behavior, general religions, philosophy	3 hours
Social sciences	10 hours
Electives in music, art, or any of the above areas, ten semester hours with a total of (Provided: For the purposes of distributing electives mathematics may be considered as a separate area)	15 hours
TOTAL	50 hours

Professional Education—both elementary and secondary teachers must have a minimum of

Courses selected from Area A	6 hours
Courses selected from Area B	8 hours
Courses selected from Area C	8 hours

Elementary Teachers Must Have the Following in Addition to the General Education and Professional Education Requirements:

Semester hours of electives in professional education courses	4 hours
Related academic education	15 hours

Fifteen semester hours in nonprofessional courses specifically designed to supply content appropriate for elementary school instruction from courses such as music, art, physical education, health, general science, general mathematics, children's literature play activities, practical arts, geography, history, and government. (These courses may overlap the general education requirements in some cases, but may be counted only once in meeting requirements.)

Suggested Program for Degree Elementary Teachers

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Written Communications	3	Written Communications	3
United States History	3	U. S. Government or History	3
Orientation	1	General Psychology	3
Playground Activities	3	Children's Literature	3
Bible	2	Bible	3
Speech	2	Physical Education	1
Total	15	Total	16

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Introduction to Literature	3	Literature or Language	3
Sociology	3	Science	3
Science	4	Geography	3
Elementary School Music	2	Elementary Economics	3
Electives: Music, Art, Language	3	Electives: School Health, Art, Music, etc.	3
Total	16	Total	16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
*Introduction to Education	3	*Principles of Elementary Education	3
Principles of Arithmetic or Elementary School Science or Elementary School Art	6	*Child Growth and Development or Nontypical Child	3
Science	3	Electives	3
Electives	3	Total	16
Total	15		

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
*Supervised Student Teaching	6	Nontypical Child or Child Growth and Development	3
*Understanding the Child	3	Electives	3
*Instruction Methods	3	Total	16
Total	15		

*Starred courses indicate the required courses.

Suggested Curriculum in Teacher Education for Secondary School Teachers

Students planning to teach at the secondary level will normally follow the suggested sequence of professional education courses listed below:

	JUNIOR YEAR	
	First Semester	Second Semester
Introduction to Education		Two hours from Area "C" during the Junior or senior years.
	SENIOR YEAR	
Secondary Block	First Semester	

Suggested Field Combinations for High School Teachers: Most high school teachers, with the possible exception of those who teach in the larger high schools, are required to teach in two or more subject matter fields. While the student in training cannot be told precisely what combinations would be most desirable in every case, certain logical relationships between subject matter fields do exist and the student is advised to give these combinations very careful consideration. Both logic and current practice suggest the following combinations:

English with language, fine arts, or social studies.

Foreign language with English, social studies, or fine arts.

Mathematics with science, social studies, commerce, physical education, or industrial arts.

Science with mathematics, industrial arts, or physical education.

Home economics with English, social studies, or science.

Industrial arts with physical education, mathematics, science, or social studies.

Commerce with social studies, English, mathematics, or physical education.

Music with English or social studies.

Art with English, music, or home economics.

Physical education with social studies, science, or industrial arts.

Certification in States other than Kansas: Requirements for certification to teach in the public schools, either elementary or secondary, may vary from state to state. In view of this fact, any student who plans to qualify to teach in another state than Kansas should when he first enrolls, consult the head of the department in order to make sure that he is engaged in a program that meets the particular requirements of the state involved.

Health, Physical Education, and Recreation

Four semester hours of work in this department are required of every student for graduation, two of which must be in activity. Courses 1, 2, 3, 4, 5, 6, 13, 16 are recommended by this department. The department also urges those who do not know how to swim to enroll in at least one semester of swimming. The college requires a thorough health examination of each student by the time of matriculation. It is strongly recommended that persons giving emphasis to the area of Health, Physical Education, and Recreation include Arts and Crafts in their curriculum.

- 7. Beginning Swimming** **1 hour**
 A course structured in compliance with the Red Cross Beginner's Swimming Course. Fall or Spring (10:30 F.; 11:25 F.).
- 9. Intermediate Swimming** **1 hour**
 A course structured in compliance with the Red Cross Intermediate Swimming Course. Fall or Spring (10:30 F.; 11:25 F.).
- 31. Playground Activities** **3 hours**
 A study of adaptable activities for schoolroom, playground, and gymnasium. Fall (1:15 M. W. F.).
- 32. School Health Education** **3 hours**
 A course for elementary teachers which deals with the more important problems of the individual school child and his environment. Spring (1:15 M. W. F.).
- 41. Personal and Community Hygiene** **2 hours**
 A foundation course in personal care of the body and the laws of healthful living. Not open to those having had Family Health or to prospective Home Economics majors. Fall (8:40 T. Th.), alternate years, offered 1959-60.
- 52. Physiology and Anatomy**
 (see Biology)
- 81. First Aid** **2 hours**
 A study of diagnosis and treatment of all emergency physical needs of the human body, as presented by the American Red Cross. Certification by the American Red Cross for both Standard and Advanced First Aid is given. Prerequisite to course 162. Fall (8:40 T. Th.).
- 63. Senior Life Saving** **1 hour**
 Students enrolling in this course must be strong swimmers, capable of swimming one-quarter mile. The Red Cross course outline will be followed. There must be five or more enrolled. Fall or Spring (1:15 T.).
- 109. Folk Games** **2 hours**
 The study and practice of European and American folk games. Fall (9:35 M. W. Th.), alternate years, offered 1959-60.

- 110. Rhythmic Interpretations** **2 hours**
 A study of dramatic interpretations through rhythmic movements. Spring (9:35 M. W. Th.), alternate years, offered 1959-60.
- 162. First Aid Instructor's Training** **1 hour**
 A prescribed course under the direction of the American Red Cross to permit students to give instruction in the Standard and Advanced Courses in First Aid. Prerequisite: course 61. By appointment.
- 173. Recreational Leadership** **3 hours**
 A course offered for students contemplating work with church camps, Boy and Girl Scout camps, private camps, community recreation, and outing clubs during all seasons of the year. Fall (11:25 M. T. Th.).
- 174. Camp Leadership** **3 hours**
 A course designed primarily for leaders in church camping, although most areas and skills studied and experienced may be directly applied to various types of camping. Spring (11:25 M. T. Th.).
- 181. Organization and Administration of Physical Education Program** **3 hours**
 The complete study of organization and administration of a public school physical education program. (7:45 T. W. F.), alternate years, offered 1960-61.
- 182. Tests and Measurements in Health and Physical Education** **3 hours**
 A study of the methods used in finding the abilities and ratings of students in health and physical education. Tests and measurements of physical fitness, social efficiency, and motor and physical skills. Spring (8:40 M. W. F.), alternate years, offered 1960-61.

COURSES FOR MEN

Note: Four hours only of the courses 1 through 6 and courses 13 and 16 will be counted towards the total of 124 for graduation. No retroactive credit is granted.

- 1-2. General Physical Education** **1 hour per semester**
 A study and practice of skills in varied sports. Activity in exercises, callisthenics, and conditioning are incorporated. The year (8:40 M. W.).
- 3, 13. Field Football** **1 hour**
 One season of continuous participation in varsity football. Prerequisite: one season participation in football prior to enrollment. Fall (3:00-6:30 M-F, September-November).
- 4, 5. Court Basketball** **1 hour**
 One season of continuous participation in varsity basketball. Prerequisite: one season participation in basketball prior to enrollment. Spring (3:00-6:00 M-F, December-February).

- 9. 16. Practical Track and Field** 1 hour
 One season of continuous participation in varsity track and field.
 Prerequisite: one season participation in track and field prior to enrollment. Spring (3:00-6:00 M.-F., March-May).
- 11. Baseball** 2 hours
 The fundamentals of playing and the methods of coaching baseball. Fall (10:30 M. W.), alternate years, offered 1959-60.
- 12. Track and Field Events** 2 hours
 The fundamentals and skills of track and field events and the methods of coaching them. Spring (11:25 W. F.), alternate years, offered 1959-60.
- 13. Methods in Teaching Recreational Sports** 3 hours
 This course includes practice for development of skills, a study of rules, teaching methods, and the officiating in recreational sports. Fall (10:30 T. Th. F.).
- 111. Football** 2 hours
 The fundamentals of playing and the methods of coaching football. Fall (11:25 W. F.), alternate years, offered 1960-61.
- 112. Basketball** 2 hours
 The fundamentals of playing and the methods of coaching basketball. Fall (11:25 W. F.), alternate years, offered 1960-61.
- 113. Mechanics and Techniques of Officiating** 2 hours
 An advanced course in which actual officiating of regular games in football and basketball will be required. Fall (11:25 W. F.), alternate years, offered 1959-60.
- 100. Care and Treatment of Athletic Injuries** 2 hours
 Emphasis on prevention, care, and cure of injuries incurred in the major athletic sports. Prerequisite: 61 First Aid. Spring (8:40 T. Th.), alternate years, offered 1959-60.

COURSES FOR WOMEN

- 3. Field Sports and Tumbling** 1 hour
 A study of soccer, hockey, or speedball, depending upon the interest of those enrolled. The fundamentals of tumbling stunts, both on the mats and on the trampolines, will be practiced for the development of coordination. Fall (10:30 M. W.), alternate years, offered 1959-60.
- 4. Basketball and Softball** 1 hour
 The study and practice of the rules and fundamentals of basketball and softball. Spring (10:30 M. W.), alternate years, offered 1959-60.

- 5. Archery and Badminton** **1 hour**
 The study and practice of the rules and fundamentals of archery and badminton. Fall (10:30 M. W.), alternate years, offered 1960-61.
- 6. Volleyball and Tennis** **1 hour**
 The study and practice of the rules and fundamentals of volleyball and tennis. Spring (10:30 M. W.), alternate years, offered 1960-61.
- 157. Methods of Teaching Individual Sports**
 (see Education and Psychology)
- 158. Methods of Teaching Team Sports**
 (see Education and Psychology)
- 189. Problems in Health, Physical Education, and Recreation** **1-3 hours**
 Study of special topics and problems in the department. Prerequisite: consent of the instructor. By appointment.

Home Economics

A major in home economics may qualify a student for teaching home economics at the secondary level, for work as a home economics agent, or for work in various phases of business related to home economics. The professional major will qualify one for graduate study in either foods or textiles. Homemaking as a profession is given emphasis.

Requirements for a professional major: A minimum of twenty-nine semester hours, including courses 3, 4, 15, 16, 31, 32, 114, 116, 125, 126, 142. Supporting courses required: Chemistry 1, 54; Sociology 75; Biology 2; Psychology 118 or the psychology of the integrated course in the educational block.

Requirements for a homemaking major: A minimum of thirty-eight semester hours, including courses 3, 4, 15, 16, 23, 24 or 124, 31, 32, 114, 116, 117, 125, 126, 142. Supporting courses required: Chemistry 1; Biology 2; Sociology 75; Psychology 118, 142, or the psychology of the integrated course in the educational block.

Suggested courses: Physical Education 62; Industrial Arts 45 or 46, 53; Music 34; Art 7.

3. Design 2 hours

A basic course in which a study is made of the principles of design: harmony, emphasis, proportion, and others. Experiences are provided for the student to become familiar in the use of line, shape, size, texture, and color as applied to daily living. Fall (10:30 M. W.)

4. Costume Design 2 hours

Line, color, form, and texture as used in the designing and selecting of clothing related to the requirements of the individual. Prerequisite: Design or permission of instructor. Spring (10:30 M. W.)

15-16. Foods and Meal Planning 3 hours per semester

The principles of food cookery, elementary nutrition, and food economics are applied in planning, preparing, and serving meals for the family. One recitation and six hours of laboratory. The year (8:40 T., laboratory 1:15-3:55 T. Th.)

23. The House 3 hours

Emphasis is placed upon selection of floor plans and fundamental equipment of the house, financing the home, and the importance of the house to good family relationships. Fall (11:25 M. T. Th.), alternate years, offered 1960-61.

24, 124. Interior Design 3 hours

Principles of design as applied to the selection and arrangement of home furnishings for expressiveness; the material used; their structure and durability. Prerequisite: Design or permission of instructor. Spring (9:35 M. W. Th., 8:40 Th.), alternate years, offered 1960-61.

31. Textiles**3 hours**

A study of the structure and finishes of fibers and yarns, the construction, design, selection, and care of fabrics as they relate to the consumer. Fall (7:45 T, W, F).

32. Fundamentals of Clothing**3 hours**

Selection of clothing for the family, wardrobe planning, budgeting. Commercial patterns and principles of garment construction are given emphasis. One recitation and five hours of laboratory. Prerequisite: Textiles or permission of instructor. Spring (7:45 T, W, F., 1:15-3:55 W).

114. Quantity Cookery**3 hours**

Food problems of institutions, including the preparation and serving of food in large quantities, menu planning, and food costs. One recitation and six hours of laboratory. Prerequisite: Foods 15 and 16. Spring (8:40 Th., laboratory by appointment), alternate years, offered 1959-60.

116. Family Finance**3 hours**

A study of some of the economic problems involved in efficient management of the family's financial resources and a consideration of the problems a consumer must face in purchasing present-day commodities. Spring (10:30 T, Th, F), alternate years, offered 1960-61.

117. Family Health**3 hours**

Factors conducive to family and community health, prenatal care of the child; home nursing procedures; and family procedures in working toward healthy personalities. Not open to those who have had Personal and Community Hygiene. Fall (7:45 M., 8-40 T., Th.), alternate years, offered 1959-60.

125. Applied Dress Design**2 hours**

The development of a foundation pattern from which a suitable final pattern design is constructed for the individual; the construction of the garment. Six hours of laboratory. Prerequisite: Clothing 32 or consent of the instructor. Fall (1:15-3:55 M, W).

126. Tailoring**2 hours**

The techniques of tailoring are taught in the construction of either a suit or coat. Six hours of laboratory. Prerequisite: Clothing 125 or consent of instructor. Spring (by appointment).

142. Nutrition**3 hours**

A study of the digestion, metabolism, and nutritive value of foods; the protein, mineral, vitamin, and energy needs of the human body. Prerequisite: Foods or consent of the instructor. Spring (8:40 M, W, F), alternate years, offered 1960-61.

103. Problems in Home Economics**1 to 3 hours**

Advanced study of special topics in home economics. Prerequisite: consent of the instructor. By appointment.

Industrial Arts Education

Requirements for a major: a minimum of twenty-four semester hours, including courses 3, 51, 53, 106, 130, 141, 122, and 161.

Related supporting courses required: a minimum of fifteen semester hours selected from Physics, Mathematics, Economics, and Sociology and approved by the head of the department.

1. Introductory Engineering Drawing 1 hour

A general introductory course designed for those who contemplate majoring in industrial arts. One hour recitation and four hours laboratory. Fall (10:30 W. and lab.).

2. Engineering Drawing 1 hour

A survey course which emphasizes correct drawing practices and principles. Required in engineering courses. One recitation and four hours laboratory. Fall (1:15 T., lab 2:10-4:50 T.).

12. Machine Drawing 2 hours

Requirement for engineering course. Prerequisite: Industrial Arts 3 or its equivalent. One recitation and two hours laboratory. Spring (1:15 T., lab 2:10-4:50 T.).

45-46 Arts and Crafts 1 hour per semester

A course designed to give a basic understanding of the philosophy involved in leisure time activities and general hobbies for those interested in teaching, summer camp work, and church recreation. Experiences are provided in light metal, wood and wood carving, plastics, weaving, leather braiding, basketry, and other general crafts. One hour recitation and four hours of laboratory. The year (8:40 Th., lab 1:15-4:50 Th.).

51-52. Bench Metal 1 hour per semester

A study in working with metal including such operations as drilling, filing, cutting, bending, threading holes, and polishing, as well as experience in foundry and electricity. Sheet metal practice is also a part of this study, as are tool maintenance and safety in the use of tools and equipment. One hour recitation and four hours laboratory. The year (10:30 W., lab 1:15-4:50 W. or Th.).

53-54. Woodworking 1 hour per semester

A course placing emphasis on the tool process and learning units involved, as well as on design, construction, and finishing wood; the use, care, and operation of woodworking machines. One hour of recitation and four hours of laboratory. The year (8:40 T., lab 1:15-4:50 M. or W.).

57. Arc Welding 1 hour

A course incorporating theory and practice in the use of the electric welder in making typical welds. Prerequisite to the use of shop welding equipment. Two hours of laboratory a week required. Fall (7:45-8:10 M., lab 1:15-4:50 M., T., or W.).

59. Acetylene Welding **1 hour**

A course incorporating theory and practice in the use of the welding torch in making typical welds. Prerequisite to the use of shop welding equipment. Two hours of laboratory required. Fall (8:10-8:35 M., lab 1:15-4:50 M., T., or W.).

65. Farm Mechanics
(see Rural Life)**66. General Mechanics** **3 hours**

A general course designed to give the student experience in automobile care and maintenance. Not available to students who have studied Farm Power 66. One hour recitation and four hours laboratory. Spring (10:30 M. and lab.).

101. Industrial Arts Laboratory Maintenance **2 hours**

A course designed to give experience in maintaining and repairing of hand tools and machines used in the industrial arts laboratory. One hour recitation and two hours of laboratory. Fall (8:40 M. and lab), alternate years, offered 1960-61.

106. Advanced Woodworking and Design **3 hours**

A special course in advanced woodwork for major students. Advanced woodwork and woodturning are combined with lectures on theory of design, construction, and finishing. One recitation and four hours laboratory. Spring (11:25 W., lab 1:15-4:50 T.).

122. Architectural Drawing **3 hours**

A course including standard conventional plans and specifications for a modern home; also a brief study of trends in modern architecture. Two recitations and two hours laboratory. Spring (8:40 M. W. F.), alternate years, offered 1959-60.

130. History and Methods of Industrial Arts **3 hours**

A course dealing with the history, philosophy, teaching methods, and trends in industrial arts education. Spring (8:40 M. W. F.), alternate years, offered 1960-61.

141. Wood and Metal Finishing **3 hours**

A course designed to give training and experience in finishing as well as an understanding of finishing. Two recitations and two hours laboratory. Prerequisite: Industrial Arts 53 and 54. Fall (10:30 T. Th. F.), alternate years, offered 1959-60.

145-146. Arts and Crafts **3 hours per semester**

A course designed to give a basic understanding of the philosophy involved in leisure time activities and general hobbies for those interested in teaching, summer camp work, and church recreation. Experiences are provided in light metal, wood and wood carving, plastics, weaving, leather, and other general crafts. One hour recitation and four hours of laboratory. The year (8:40 Th. and lab).

158. Advanced Welding **1 hour**

Laboratory work in acetylene and arc welding plus study of teaching methods, projects, and equipment. Prerequisite: Acetylene Welding and Arc Welding. Two hours laboratory a week required. By appointment.

161-162. Metal Lathe **1 hour per semester**

A course designed to give practice in the operation of the metal lathe. Two hours laboratory a week required. By appointment.

168. Auto Mechanics **3 hours**

An advanced study of auto engines. Work includes machine work in rebuilding auto engines such as valve facing, valve seating, pin fitting, reboring cylinders. Much emphasis is placed on engine tolerances and fitting precision parts. One recitation and four hours laboratory. Spring (11:25 W., lab 1:15-4:50 Th. or F.).

175. Problems in Arts and Crafts **1 hour**

A short summer course dealing primarily with work in basketry, wood and metal crafts, textile painting, leather work, and other crafts. It will be directed toward those skills which will be of wide use in the home, the school, and the church. By appointment.

189-190. Problems in Industrial Arts **1-3 hours per semester**

An advanced study of special topics in industrial arts. Prerequisite: consent of the instructor. By appointment.

Rural Life

Requirements for a major: a minimum of twenty-four semester hours including 7, 22, 56 or 65, 133, 142, and 180.

Related supporting courses: a minimum of twelve hours selected from Biology, Chemistry, Physics, or Mathematics.

3. Rural Living 3 hours

A study of rural living leading to an increased understanding of the problems to be faced in the rural community. Field trips to local communities offer opportunity for study of rural church, school, and recreational programs. Fall (8:40 T. Th.).

7. Farm Crops 3 hours

Principles of crop production including classification, distribution, importance, and identification of the common field crops. Fall (7:45 T. W. F.), alternate years, offered 1960-61.

22. Animal Husbandry 3 hours

A general survey of the livestock industry with a study of market types, classes, and grades of livestock. Spring (7:45 T. W. F.), alternate years, offered 1960-61.

25. Dairy Husbandry 3 hours

A fundamental study of the dairy industry, including selection and breeding of dairy cattle, herd improvement, dairy cattle management, constituents of milk, common dairy tests, and processing and manufacture of dairy products. Fall (11:25 M. T., laboratory 1:15-3:00 Th.), alternate years, offered 1959-60.

30. Landscape Gardening 3 hours

An introduction to the fundamental principles of landscape design as applied to the development of both city properties and farmsteads. Spring (7:45 T. W. F.).

57. Arc Welding (see Industrial Arts)

59. Acetylene Welding (see Industrial Arts)

65. Farm Mechanics 3 hours

A course devoted to farm machinery and farm motors with emphasis on the various kinds of farm machinery, its selection, operation, servicing, and reconditioning. One hour recitation and four hours laboratory. Fall (11:25 W.).

66. Farm Power 3 hours

A course placing emphasis on tractor engines and power transmission units. Not available to students who have studied General Mechanics 66. Laboratory work includes "tune up," maintenance, and common overhaul work. One hour recitation and four hours laboratory. Spring (10:30 M. and lab.).

- 118. Judging and Selection of Livestock** 2 hours
A study of type and form of beef cattle, swine, and sheep. Prerequisite: Rural Life 22. Four hours of laboratory. Spring (laboratory 1:15-5:00 T.), alternate years, offered 1959-60.
- 121. Agricultural Marketing** 3 hours
A study of the structure and organization of agricultural markets including principles of agricultural price determination, principles of cooperative marketing and commodity marketing. Prerequisite: Economics 1. Fall (1:15 M. W. F.), alternate years, offered 1960-61.
- 133. Principles of Feeding** 3 hours
A study of the digestive system, nutritive requirements for maintenance, growth, and reproduction, and the balancing of rations for the different classes of livestock. Prerequisite: Chemistry 1 or equivalent. Fall (11:25 M. T. Th.), alternate years, offered 1960-61.
- 134. Livestock Production** 3 hours
Feeding and management practices involved in the production of beef cattle, swine, and sheep. Spring (11:25 M. T. Th.), alternate years, offered 1960-61.
- 142. Soils** 4 hours
Fundamental principles underlying the formation, fertility, and management of soils including physical, chemical, and biological properties. Prerequisite: Chemistry 1 or equivalent. Three hours recitation and two hours laboratory. Spring (1:15 M. W. F., laboratory 1:15-3:00 Th.), alternate years, offered 1959-60.
- 144. Farm Organization** 3 hours
Application of economic principles to organization and management of the farm; use and analysis of farm records, budgeting, size of operation, choice of enterprises, types of farming, leases, and farm credit. Two hours recitation and two hours laboratory. Spring (1:15 M. W., lab 1:15-3:00 F.), alternate years, offered 1960-61.
- 168. Auto Mechanics**
(see Industrial Arts)
- 180. Seminar** 1 hour
Restricted to seniors in Rural Life. Discussions and special assignments of topics in the field of rural life with emphasis on recent developments as reported in current literature. Spring (7:45 M.).
- 189-190. Problems in Rural Life** 1-3 hours per semester
Advanced study of specific agricultural topics. Prerequisite: consent of instructor. By appointment.

Administration, Faculty, Staff, and Trustees

1958-59

Instructional Faculty and Administration

DESMOND W. BITTINGER, A.B., A.M., Ph.D.

President of the College, Professor of Sociology (1950, 1940)*

A.B., Elizabethtown College, 1927; A.M., University of Pennsylvania, 1928; Ph.D., University of Pennsylvania, 1940; University of Chicago, 1941-1942. Taught: University of Illinois, summer, 1929; Bethany Biblical Seminary, 1949; Elgin Community College, 1948-49. Foreign Travel, 1930-1940, 1962, 1956, 1958.

WAYNE F. GEISERT, A.B., Ph.D.

Dean of the College, Professor of Economics (1957)

A.B., McPherson College, 1944; Ph.D., Northwestern University, 1951. Taught: Kendall College, 1946-1950; Manchester College, 1951-1957. Foreign Travel, 1946-1948, summer 1953.

R. GORDON YODER, B.S.

Business Manager and Treasurer (1953, 1946)

B.S., McPherson College, 1939; College Business Management Workshop, University of Omaha, summers, 1950, 1952.

GEORGE M. ARNOLD, A.B., M.S.

Assistant Professor of Physics and Mathematics (1957)

A.B., Manchester College, 1955; M.S., University of Wisconsin, 1957; University of Wisconsin, spring, 1957; Kansas State Teachers College, Emporia, summer, 1955. Taught: Bethany College, 1957-1958.

KENNETH C. BECHTEL, A.B., B.D., M.Th., Ph.D.

Professor of Sociology and Language (1956, 1946)

A.B., Juniata College, 1928; B.D., Presbyterian Theological Seminary, 1931; M.Th., Bethany Biblical Seminary, 1933; Ph.D., University of Chicago, 1937.

JOSEPH L. BOWMAN, A.B., M.S.

Professor of Mathematics and Physics (1926)

A.B., McPherson College, 1918; M.S., University of Chicago, 1924; University of Chicago, summers 1925, 1931; University of Kansas, 1931. Taught: LaVerne College, 1920-1923; Ripon College, 1924-1925; Juniata College, 1925-1926.

DALE WEAVER BROWN, A.B., B.D.

Assistant Professor of Philosophy and Religion, Director of Religious Life (1958)

A.B., McPherson College, 1946; B.D., Bethany Biblical Seminary, 1949; Drake University, 1953, 1954, 1956; Garrett Biblical Institute and Northwestern University, 1956, 1957, 1958. Taught: Bethany Biblical Seminary and Bible Training School, 1956-1959. Foreign Travel: summer, 1948.

JESSIE BROWN, B.M.

Professor Emeritus of Piano (1952, 1915)

Diploma, Bethany Conservatory, 1907; B. M., Bethany College, 1918; Royal Conservatory, Leipzig, Germany, 1915-1916. Taught: Bethany College, 1908-1918.

* The first date indicates the year of appointment to present position, the second date denotes the year of the first connection with the faculty when such is not indicated by the one date.

Standing Committees Of The Faculty

- Administrative:** Bittinger, Mrs. Bechtel, Brunk, Brown, Dell, Geisert, Wagoner, Yoder, Flory.
- Curriculum:** Geisert, DeCoursey, Frantz, Martin, Olson, Stump.
- Athletics:** Yoder, Beam, Bittinger, Flory, Geisert, Hayes, Keim, Sherfy, Smith.
- Scheduling and Calendar:** W. DeCoursey, Miriam Dell.
- Campus and Grounds:** Yoder, Cline, Ruhser, Bittinger.
- Chapel and Lyceum:** Brown, Geisert, San Romani, Sollenberger, Stump, Students.
- Faculty Program:** Burkholder, Arnold, Brunk, Frederick, Rothrock.
- Faculty Representatives to MCA:** Brown, Sollenberger.
- Faculty Representatives to Student Council:** Geisert, Mrs. Bechtel, Dell, Flory.
- Faculty Social:** Arnold, Bechtel, Coulson, Sheets, Siak, Smith.
- Historical:** Bechtel.
- Library:** Stump, Bechtel, Coulson, Harris, Ward.
- Loans:** Yoder, Flory, Hawkinson, Sheets.
- Personnel and Counseling:** Flory, Brown, Geisert, Mrs. Bechtel, Dell, Bittinger.
- Placement:** Frantz, Wagoner.
- Publicity and Public Relations:** Shook, Bittinger, Brunk, Frederick, Hayes, Lehman, Slimon, Wagoner.
- Radio and T.V.:** Hayes, Coulson, Sheets, Wagoner.
- Religious Life:** Brown, Keim, Metzler, Stump, Zeller, Bittinger.
- Faculty Representatives to Social Committee:** Coppock, Willems.
- Summer Session:** Geisert, Bechtel, Frantz, Martin.
- Admissions, Scholarships, and Aids:** Geisert, Hayes, Mrs. Martin, Sheets, Smith, Bittinger, Yoder.
- Note: The president is a member (ex officio) of all committees.

Standing Committees Of The Board

- Executive:** Beam, Sargent, Sherty, Wall, R. Yoder, (Bittinger, G. Yoder, ex officio)
- Finance and Investments:** Sargent, Ferguson, Wall, (G. Yoder, Geiser), ex officio).
- Educational:** Mohler, Emmert, Landes, Moore, (Bittinger, Geiser), ex officio).
- Buildings and Grounds:** Rhoades, Beam, Grove, Sherty, (Bittinger, G. Yoder, ex officio).

Committee on Higher Education

College and Seminary Presidents

Church of the Brethren

1959

A. C. Baugher	Elizabethtown, Pennsylvania
D. W. Bittinger	McPherson, Kansas
Warren D. Bowman	Bridgewater, Virginia
C. N. Ellis, Chairman	Huntingdon, Pennsylvania
Harold D. Fasnacht	La Verne, California
A. Blair Helman	North Manchester, Indiana
Paul M. Robinson	Chicago, Illinois
Loren Bowman, Secretary	Elgin, Illinois

Application for Admission

1. Name, Mr., Miss, Mrs. _____ Age _____
 Address _____
2. Parent, or guardian _____
 Address _____
3. In what year did you graduate from high school? _____
4. Name and address of your high school _____
5. Name and address of your high school principal _____
6. Number in your graduating class _____ Your rank in class _____
 Average grade _____
7. If you have attended another college, give name, location, and dates _____
8. Church membership _____ or preference _____
 Name of congregation _____
9. Intended vocation if decided _____
10. Courses you have found most interesting _____
11. School honors achieved _____
12. Underscore extracurricular activities of chief interest to you:
 A Cappella Choir, Band, Orchestra, Solo Work, Quartette, Debate,
 Oratory, Dramatics, School Paper, Annual, Amateur Photography,
 Clubs, Deputation, Football, Basketball, Track, Tennis, Baseball,
 Student Council. Name others _____
 What is your hobby? _____
13. References:
 A former teacher in high school or college:
 Name _____ Address _____
 A responsible person who knows you well:
 Name _____ Occupation _____
 Address _____
14. Do you wish a room in the dormitory? _____ If so, please send
 a \$10.00 room reservation with this application and state which
 dormitory you prefer _____
15. Do you understand and agree to follow the rules and regulations of
 the college as outlined in the catalog? _____
16. Year you expect to enroll in M. C. _____
17. Date _____ Applicant's Signature _____
- Please send this application and a recent picture to the Office of Admissions, McPherson College, McPherson, Kansas.

Medical Report

1. Full name _____ Age _____
2. Home address _____
3. Date of Birth _____ College Class _____
4. Height _____ Weight _____ Pulse _____ Spine _____
5. Systolic Pressure _____ Diastolic Pressure _____
6. Eyes _____ Ears _____ Nose and Throat _____
7. Heart _____ Lungs _____
8. Feet _____ Hernia _____ Hemorrhoids _____
9. Teeth _____
10. List serious injuries and operations and year of each:

11. Miscellaneous Information (Check girls for dysmenorrhea)
12. What diseases have you had and the year:
- | | |
|----------------------|--------------------|
| Scarlet Fever _____ | Tonsillitis _____ |
| Diphtheria _____ | Tuberculosis _____ |
| Smallpox _____ | Pneumonia _____ |
| Whooping Cough _____ | Rheumatism _____ |
| Typhoid Fever _____ | Others _____ |
13. In your opinion are there reasons why this individual should not enroll and participate in regular college activities?

 If your answer is yes, please give reason: _____
14. Date of Examination _____
15. Doctor's Signature _____
16. Doctor's Address _____

This application when completed should be forwarded to the Office of Admissions, McPherson College, McPherson, Kansas.

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Page 57 under French

Add:

3-4. Second-Year French 3 hours per semester
Review of grammar and composition, Conversation and reading of French fiction and drama. The year (11:25 T.Th.F.).

121-122. Reading Course 2-3 hours per semester
Reading of selected works in special fields under guidance of instructor, intended to give student facility in rapid reading.
Prerequisite: French 3-4. By appointment.

Page 65 under Philosophy and Religion

Change:

Number 73 to . . .

75. Christianity and War

Page 72 under Chemistry

Add:

162. Physical Chemistry 3 hours
A study of the physical-chemical properties of matter, including chemical kinetics, nuclear chemistry, photochemistry, and related areas of physical chemistry. Lecture two hours, laboratory three hours. Prerequisite: fifteen hours of chemistry and Mathematics 51-52. Spring (8:40 T.Th.), alternate years, offered 1960-61.

189. Problems in Chemistry 1-3 hours
Advanced study of special topics in chemistry. Prerequisite: consent of the instructor. By appointment.

Page 101 under Royal Life

Add:

63. Farm Machinery and Equipment 3 hours
A course covering the use, service, and design principles of farm machinery, with some emphasis on modern repair methods. One recitation and four hours of laboratory. Fall (10:30 M.).

