



mc

1970-1971 CATALOG

**McPHERSON** COLLEGE



MOHLI  
ADMINI

LOV



April, 1976

BULLETIN

**M C P H E R S O N**

Vol. 59 No. 9

Published monthly, except June and August.

by McPherson College, 1600 East Euclid, McPherson, Kansas.

Second-class postage paid in McPherson, Kansas.

C O L L E G E



---

DIRECTORY

*Inquiries should be directed to*  
**McPHERSON COLLEGE**  
McPherson, Kansas 67460  
Telephone 316 241-0731

---

General Information .....	J. Jack Melhorn, <i>President</i>
Academic and Curricular .....	Merlin L. Frantz <i>Dean of Academic Affairs</i>
Student Activities and Financial Aids .....	Galen R. Snell <i>Dean of Student Affairs</i>
Business Accounts .....	John Burns, <i>Director of Financial Aids</i> R. Gordon Yoder <i>Business Manager and Treasurer</i>
Development and Gifts .....	G. J. Holman, <i>Director</i>
Alumni Affairs, Church Relations .....	Paul Wagoner <i>Associate Director of Development</i>
Publicity and Promotion .....	Edwin Mohler, <i>Director</i>
Admissions .....	Grover Eugene Myers, <i>Director</i>
Transcripts and Records .....	R. Dean Reynolds, <i>Registrar</i>
Teacher Placement, Summer session .....	Dayton G. Rothrock, <i>Director</i>



## CONTENTS

Message from the President .....	1
General Information .....	2
Student Life .....	6
Academic Regulations .....	22
Course Description	
Humanities Area .....	39
Natural Sciences Area .....	52



Social Sciences Area .....	57
Applied Arts and Science Areas .....	65
Trustees .....	80
Administrative Committees .....	81
Administration, Faculty, and Staff .....	83
Index .....	95
Information Request Form .....	96



## McPHERSON IN BRIEF

*McPherson College* was founded in 1887. Although it is related to the Church of the Brethren it admits qualified students regardless of color, race, or national origin.

*The Purpose* of the college is to offer a basic liberal arts education which includes an encounter with the Christian faith. Included in the curriculum are pre-professional courses, teacher preparation for elementary and secondary education, and contemporary courses in the humanities and fine arts, social sciences, natural sciences, and applied arts and sciences.

*McPherson College Faculty* is scholarly, dedicated, and sensitive to student needs. The number of faculty members with a Ph.D. is high. The buildings and instructional equipment are related to the educational program. The curriculum is revised continually to meet changing educational patterns.

*Students* at McPherson College are encouraged to be responsible and accountable. Democratic processes as well as spiritual growth are central in the College program. The enrollment is approximately 800. Resident Halls are available for men and women, and apartments for married couples.

*Accreditation* includes the North Central Association of Colleges and Secondary Schools and other national and state accrediting bodies.

*McPherson College* is a member of the Associated Colleges of Central Kansas. Other colleges in the Association, all within a thirty-five mile radius of McPherson are: Bethany College, Bethel College, Kansas Wesleyan University, Sterling College, and Tarbor College.

*The Degrees* granted by McPherson College are the Bachelor of Arts and the Bachelor of Science. Many McPherson College graduates continue their education at graduate colleges and universities throughout the world.

*An International climate* exists at McPherson College. Students are present from many countries, and this enables the students to broaden their cultural experiences.

*McPherson Alumni* continue to perform outstanding services in many professions and fields of work. The success of our alumni illustrates the quality of the educational program at McPherson College.

*Costs* at McPherson are moderate. A complete listing of all costs appears under the Student Life Section in this catalog.

McPHERSON COLLEGE ACADEMIC CALENDAR 1970-71

---

*Fall Term*

---

August 29, September 1, 1970	Freshman and Transfer Student Orientation
September 2, 3, 1970	Enrollment
September 4, 1970	7:30 a.m., Classes Begin
November 25, 26, 27, 1970	Thanksgiving Vacation
December 14, 15, 16, 17, 1970	Final Exams for Fall Term

---

*Interterm*

---

January 4-29, 1971	Classes in Session
--------------------	--------------------

---

*Spring Term*

---

February 1, 1971	Registration
February 2, 1971	Classes Begin
April 5-12, 1971	Mid-term Vacation
April 13, 1971	7:30 a.m., Classes Resume
May 17, 18, 19, 20, 1971	Final Exams for Spring Term
May 23, 1971	Baccalaureate - Commencement (Sunday, 2:30 p.m.)

1970 Summer Sessions, June 1-August 21, 1970

1971 Summer Sessions, June 1-August 20, 1971

MESSAGE FROM THE PRESIDENT



A college education can be the most important experience of a person's life. It is a time to become excited about new ideas, people, and the world in which we live. These years are important in making decisions about ideals, philosophy, religious commitment, vocation, and choice of a life partner.

McPherson College is located in the city of McPherson, about sixty miles north of Wichita. The College was founded in 1887 and is a coeducational, liberal arts, private, independent, church-related (Church of the Brethren) institution of higher learning. The College grants two degrees: the Bachelor of Arts and the Bachelor of Science. Among its faculty members and its student body of approximately 800 students, are persons of a variety of denominational commitments and cultural backgrounds.

The College is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of University Women. The Teacher Education Program is accredited by the Kansas State Department of Education. McPherson College is a member of the Kansas Association of Colleges and Universities, the Associated Independent College of Kansas, the Kansas Foundation for Private Colleges, Incorporated, and the Associated Colleges of Central Kansas.

McPherson College emphasizes both academic excellence and religious vitality. The College surrounds itself with students and opportunities for full development: intellectual, religious, moral, artistic, and social. The College does not tell a student what he should believe, but it does expect him to grapple with basic religious and philosophical questions and try to arrive at a position of his own. Religion and liberal learning are regarded as mutually supportive.

The curriculum deals with a common body of knowledge and skill, which all students are expected to encounter. The educational experience extends through the four years and culminates in a senior program which helps the student integrate his undergraduate education. The College continually designs for itself a coherent pattern which relates purpose, staff, and program in such a manner as provides for a meaningful educational experience.

The College underscores the following education emphases: (1) to be a strong academic community of committed persons, (2) to explore, examine, evaluate, and expand knowledge, (3) to provide a liberating experience related to responsible decisions, (4) to experience meaningful person-to-person relationships, (5) to see the inter-relatedness of study and work, (6) to thoroughly understand social behavior, (7) to work at conflict resolution, (8) to use power in a responsible and humane manner, and (9) to be involved seriously in efforts to realistically meet the needs of community, nation, and world.

At McPherson College the students, faculty, staff, trustees, and alumni believe that we are preparing students for a life of relevant service. Teaching, understanding, dormitory living, campus activities, sports, and the meaningful interaction of student with teacher comprise the community that in some way builds seriousness about life and leadership that is characteristic of a McPherson College graduate.

J. Jack Melhorn, President



## GENERAL INFORMATION

### Definition of the Institution's Educational Task

The aims of McPherson College can be summarized under the following four categories: liberal education, personal development, religious development, and professional education.

At McPherson College, liberal education focuses its attention on each individual student. He is encouraged to understand his relation to society and to prepare himself to live well in all relationships. The College seeks to help him to learn about the good life and how to achieve it for himself. It aims to give him both breadth and depth of human understanding. It is interested in helping him become a good citizen. It seeks to provide him with the necessary background of understanding and experience to develop a philosophy of life which will have meaning for him in his vocation or profession.

As a further development of liberal education, McPherson College seeks to develop in its graduates:

- (1) achievement in scholarship;
- (2) mastery of techniques and tools of further learning;
- (3) the ability to think clearly, logically, and critically;
- (4) growth in a direction of more significant insight;
- (5) finer moral discernments and aesthetic sensitivities;
- (6) a loyalty to truth in all realms of life;
- (7) commitment of life and abilities to useful purposes.

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

In personal development, the following areas are stressed: personal character, social development, social responsibility, physical well-being, Christian home-making, and Christian vocation. In the area of personal character, the College seeks to develop within its students the desire for altruistic living. Some of the emphasized traits would be poise, self-control, self-discipline, a well-ordered life, and a dedication to truth and to goodness. In order to provide opportunities for personal growth, McPherson College attempts to offer a well-rounded program that affords many students opportunities for participation and involvement in the campus community.

The College works with each student to help him achieve social poise and social competence through general instruction, personal conferences, and social activities, and by many opportunities for the faculty and students to be together in community.

The religious development at the College is fostered through the following aims: to acquaint the student with the intelligent understanding of the basic doctrines of the Christian religion; to help him develop a Christian perspective of the universe and a Christian oriented philosophy of life; to confront him with the ethical ideals of the Christian religion; and to help him become involved in the community in a charitable manner.

The College offers courses in Bible, church history, ethics, philosophy, and comparative religions, which provide the intellectual foundation for the Christian faith. It conducts worship programs in the chapel and cooperates with all the churches in the community in promoting a religious life. It provides student Christian organizations, brings to the campus religious leaders for addresses and discussions, and through person-to-person contact seeks to provide an environment which will help each student in developing a vital religious life.

## MCPHERSON COLLEGE

It is the aim of the College that each student achieve a sense of intelligent and realistic concern for his fellowmen. The ethos of the College is one in which the entire College community attempts to practice the Christian ideal of service as an important goal of the well-ordered and whole life.

The College aims to assist the student in developing himself physically and socially through a program of physical education, recreation, and athletics. Efforts are made to guide students into participation in various forms of intramural and intercollegiate sports. 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 College, a sense of wholesome sportsmanship and competitiveness. In this area it is the aim of the College to produce better persons rather than highly specialized athletes.

The College seeks to emphasize the Christian home as one of the basic social units of a Christian society. In addition to offering courses designed to help students build homes which are financially sound, aesthetically attractive, and spiritually creative, the College affords the students many opportunities to share family life with the faculty and administration.

Each student at McPherson College is assisted early in his college career to develop a professional or occupational direction and to design a program of studies including liberal arts courses which will enable him to obtain his goal.

The College recognizes that the preparation of students for teaching is one of its important functions since many of its graduates enter the teaching profession. The Education Department, assisted by other departments, prepares students for certification and competent teaching in both elementary and secondary fields. The rural life program at the College seeks to prepare both men and women for efficient and progressive farm life and for significant rural leadership. The College also provides certain other courses which are pre-professional or occupational in outlook. Among these are home economics, industrial arts, business administration, stenography, music, art, pre-engineering, pre-medical, and pre-law. In addition to these, the College seeks to prepare students for full-time Christian service, which includes the ministry, missions, Christian education, and worldwide service projects. In all of these professions, a broad liberal arts education is emphasized.

### History

Starting a college on the prairies of Kansas in 1887 was no easy task, but to the educational leaders of the Church of the Brethren it was a necessity.

Although seventeen locations were offered, on August 11, 1887, a committee appointed by the Church chose McPherson as the location for their college, and the first college term began on September 5, 1888, with one building, sixty students, and a faculty of seven. Professor S. Z. Sharp served as the first president.





## McPHERSON COLLEGE

The three students who composed the first graduating class of 1892 spent four years of college life using one building, Fahnestock Hall, which provided the men's dormitory, women's dormitory, classrooms, library, chapel, recreation rooms, and lounges.

The growth of the College has generally paralleled the economic and cultural growth of the area in which it is located. More than 800 students are enrolled with a faculty and staff of more than 60 full-time persons.

Physical plant growth was gradual during the early period. The second building, Sharp Hall, was completed in 1902, and the third building, the Carnegie Library, was completed in 1906. The following fifty years saw the completion of seven more buildings on campus, including off-campus apartments for married students.

The accelerated growth in recent years is reflected in the completion of eight buildings since 1960, with the addition of a new million-dollar Miller Library completed in the spring of 1970.

McPherson College is constantly improving the effectiveness of its academic program, including competent teachers and modern facilities. Curriculum and facilities are planned to best meet the needs of the latter part of the mid-20th century.

## STUDENT LIFE

Costs at McPherson College ..... \$2114-\$2274

*Cost per year.* This cost includes tuition (12 to 15 hours per term), Interterm (maximum of 4 hours), board, room, health service, student activity privileges, student publications, and the general fee (includes class dues).

Students pay one-half of the annual cost when they register for classes for the fall term and at the beginning of the spring term.

Costs can be particularized as follows:

Tuition, \$620 per term (12 to 15 hours)	\$1240
Room, \$140 to \$220 per term	\$ 280-\$ 440
Board, \$247 per term	\$ 494
General Fee, \$50 per term	\$ 100
Total for the year	\$2114-\$2274

Residence hall charges per academic year are as follows:

Bitinger Hall—Men	\$440
Dotzour Hall—Women	\$360
Fahnestock Hall—Men	\$320
Kline Hall—Women	\$280
Metzler Hall—Men	\$380
Arnold Hall (if needed)	\$280

College Courts—Married Couples	
One-bedroom apartment	\$ 55.00 per month
Two-bedroom apartment	\$ 65.00 per month
Electricity to be paid by renter	
Part time and excess hours	
1-8 hours per term	\$ 41.00 per hour
9-11 hours per term	\$ 52.00 per hour
Over 15 hours per term	\$ 36.00 per hour

**INTERTERM:** This section does not apply to students who are enrolled for a minimum of 12 hours during each of the fall and spring terms.

If a student is enrolled only for Interterm, charges will be \$36.00 per credit hour for tuition and \$13.00 per week for Board. The weekly room charge is on a pro-rata basis, depending on the residence hall.

If a student is enrolled for only the fall or spring term, his charge for that term includes tuition for two interterm credit hours and two weeks interterm room and board if a resident student. Additional Interterm tuition and room and board are charged as indicated in the preceding paragraph.

*Special Charges and Fees (not included in the above estimate)*

Auditing courses, each semester hour	\$20.00
Change of enrollment after second week of school	5.00
Late registration	10.00
Late examinations ..	5.00
Placement Bureau enrollment	7.50
Placement Bureau, notification service	5.00
Private music lesson fee, per semester hour	6.00
(in addition to regular tuition)	
Transcript (first one free)	1.00
Record Rebuilding Fee	10.00
Application Fee	10.00
Blue Cross—Blue Shield Insurance (optional) per year*	41.46

The cost of books is not included in the above estimate. This varies by courses. Used books, from former students, are sometimes available. Clothes and personal expenses likewise are not included. These vary with the individual, but such costs can be reasonable if the student wishes to keep them so. There are no social fraternities or sororities.

*Methods of Payment:*

a. *Optional plans*

1. Cash in full each semester at the time of enrollment. Discount of \$5.00.
2. Two equal payments each semester. Half at enrollment, half at mid-semester. SERVICE CHARGE of \$5.00 each semester (1 per cent interest per month on past due balance).

3. Four equal monthly payments each semester - September 1, October 1, November 1, December 1; February 1, March 1, April 1, May 1.

SERVICE CHARGE OF \$10.00 each semester (1 per cent interest per month on past due balance).

4. The Tuition Plan

For those parents who prefer to pay their educational expenses in convenient monthly instalments, we are pleased to offer the Tuition Plan. This program was founded in 1938 and is offered by more than 1000 schools, colleges and universities.

Parents may choose a plan to cover expenses of tuition, room, and board in a single agreement payable in 12 monthly instalments on a one-year agreement. Two years' cost are payable in 24, 30 or 36 monthly instalments, and the three years' cost are payable in 36, 45 or 54 monthly instalments.

Parents of entering freshmen may cover their entire four years' expenses under one agreement providing 48, 60 or 72 instalments.

Parent Life Insurance to guarantee an uninterrupted education for the student may be included on all plans.

Detailed information concerning The Tuition Plan is mailed to parents each summer or you may write to the Director of Admissions for a descriptive pamphlet.

- c. Students enrolled for less than 12 hours—cash in full at time of enrollment—no discount.

In keeping with general college practice, a student who is delinquent in the payment of any fee, account, or note due to the College will not be allowed to graduate or be furnished with a transcript showing scholastic standing until such indebtedness has been paid.

*Refunds will be made on the following basis:*

**Tuition.** One hundred per cent, less \$25.00, will be refunded if withdrawal is made during enrollment week, 80 per cent will be refunded if withdrawal is made during the second week, for each succeeding week, the refund will be decreased by 20 per cent. After the fifth week, no refunds will be made.

**Room.** Same as tuition.

**Food Service.** Prorated on a weekly basis, a part of a week being charged as a full week.

**Fees.** No refund.

No refunds are made to students who are dismissed or are asked to withdraw by the College. No refunds or adjustment will be made unless authorized by the Dean of Academic Affairs, or by the President in the absence of the Dean of Academic Affairs.

McPherson College reserves the right to suspend a student at any time with or without legal cause.

*Room Reservation and Room Deposit.* Students may reserve rooms in the residence halls in advance of the opening date by depositing a fee of \$25.00, which is held as a breakage fee until the close of the year. Extra charges are made each semester for approved electrical appliances. All students are expected to live in the college residence halls and partake of the food plan unless they commute from their homes. (However, if rooms are no longer available in the residence halls, students will be located in approved private homes.) The paid fee will assure the students of rooms in the residence halls in the order in which their names appear on the waiting list. The room reservation fee will be refunded if the request is received by July 1. The second semester room reservations will be refunded if request is made by January 2.

*Room Furnishings.* Since the college does not supply bedding the student is requested to bring his own. Bedding for single beds, including pillows, pillow-slips, sheets, blankets, quilts, bed covers, likewise, curtains, rugs, and personal items may be brought as desired for the room.

*Application Fee and Advance Deposit.* A non-refundable application fee of \$10.00 is to accompany the application for admission. All students who are accepted for admission are required to make an advance tuition deposit of \$50.00 which is due 20 days after notification of acceptance for admission. This deposit for educational expenses is non-refundable.

### Financial Aids

Scholarships, grants, and loans to students are awarded through the Financial Aids Committee. Qualified students are eligible to receive a maximum of one academic scholarship and one College grant per term. However, students qualifying for, (a) grants for dependents, (b) Brethren Volunteer Service Grants, (c) Family grants, and (d) Ministerial loans may select one from the four listed or one other college scholarship or grant for which he is eligible and provides maximum financial benefit. Educational Opportunity Grants and all grants and scholarships provided directly to the student by outside sources are not limited to the above policy. Music awards are classified as grants.

The total combined scholarship and grant from the College may not exceed three-fourths of the regular tuition for full-time students per term. Scholarships and grants only apply to the fall and spring terms. All students who apply for grants must complete all appropriate forms. Students receiving scholarships must maintain an acceptable scholastic record. Students receiving College grants and awards must maintain an acceptable academic standing as interpreted under the Scholarship and Probation rules as listed later in this catalog.

## MCPHERSON COLLEGE

### 1 SCHOLARSHIPS

*Competitive Honor Scholarships* ranging in value from \$800 to \$2700, distributed over a four-year period, are available to entering freshmen. After the first term, a sliding GPA scale of 2.9 to 3.4 is used in determining the value of the scholarship.

*High School Merit Scholarships*, each worth \$600 distributed over a four-year period, are available to students in the top ten per cent of their graduation class. \$400 scholarships are available to those who have high scores on ACT and other tests.

*Junior College and Transfer Student Scholarships* are valued at \$100 to \$500 annually to students who have earned at least a 3.00 GPA (4-point scale)

*Upper Class Scholarships*, with a total value of \$100 each, are offered to two McPherson College freshmen, sophomores, and juniors each year for the succeeding year. These are awarded on the basis of one semester, three semesters, and five semesters of college work, respectively.

*Music Awards*, ranging in total value from \$400 to \$1200, are available

*Memorial Endowment Scholarships* are available to worthy students from endowment funds provided in memory of

Glen Donald Austin

Virgil Meyers Berkebile

Walter F. Berry

Earl Eby Curtis

Samuel Theodore Elrod (for ministerial students)

Len and Stella Harden (for science students)

Dr. and Mrs. Roscoe C. Ingalls (for junior college transfers)

Edith D. Keller

John Myers (for business students)

*The Bethany Brethren Hospital Nursing Educational Scholarship* is available to students preparing for the nursing profession

### 2 GRANTS

*Intercultural Student Grants* A maximum of twelve grants are available to students from different international and ethnic groups and these are applied on tuition.

*Grants for Dependents* A tuition reduction of thirty per cent is available to the unmarried children of those who are engaged in full-time Christian service as described under Ministerial Loans. This reduction applies to a maximum of 15 hours per term, excluding summer courses.

*Brethren Volunteer Service* Grants amounting to 30 per cent of tuition are available to those who have served in Brethren Volunteer Service or Alternate

Service without pay. These grants are for the same number of years served, not to exceed two years.

*Family Grants.* When there are two regularly enrolled college students from the same family and neither has received a scholarship or grant from the College, each will be given a discount of 5 per cent of tuition. When there are three regularly enrolled students from the same family and none has received a scholarship or grant from the College, each will be given a 10 per cent discount.

*Educational Opportunity Grants.* Grants are available in limited numbers for students from low income families. These grants are provided by the Department of Health, Education, and Welfare, Office of Education.

*Matching Grants.* The College will match, up to \$50 a term, the grants made by local Churches of the Brethren for their own students and for other groups approved by the College, when worthiness and need of the student have been established.

*Veterans Benefits.* McPherson College is on the approved list of veterans benefits as administered under Federal regulations.

*Special Grants.* Special grants are established at the College for designated purposes and some of these are as follows:

*The Mr. and Mrs. E. J. Frantz* grants are made possible through their continuing gifts for students who have financial need.

*The Victor and Rosalee Vilom Grants* established as a memorial to Victor, are available for worthy students.

*Dr. and Mrs. Earl Frantz* and their children established the Earl and Leis Frantz Scholarship Endowment Trust, with proceeds being used for grants and scholarships.

*The D. C. and Flora Frantz Student Aid Fund* provides income from endowment investments to assist students with financial needs.

*The Peoples State Bank Grants* are designed for worthy students residing in the McPherson area.

The College participates by supplying part of the funds or in processing the applications, or both, in a number of loan programs. Some of these are:

*National Defense Student Loan Fund* is a fund through which the College is able to loan approximately \$75,000 annually. This fund was designed to give preference to prospective teachers and to others in critical courses of study. Good scholarship and definite need are both requirements for these loans.

*United Student Aid Funds and Federally Insured Loans* are available through local banks. Reserve funds are provided by the Federal Government through the

### 3 LOANS

## MCPHERSON COLLEGE

Department of Health, Education and Welfare along with funds provided by some states, industry, and educational institutions. These are low-cost, long-term loans of up to \$1,000 per year which provide Federal Insurance benefits if the student qualifies.

*The Tuition Plan* is a deferred payment system through which the cost of college may be spread out in monthly installments over one, two, three, or four years. A parent life insurance provision is automatically included.

*The Loan Fund* of the Church of the Brethren has limited funds available for Brethren students.

*The Federated Women's Clubs* of McPherson and the *Rotary Club* of McPherson have placed loan funds at the disposal of students who meet their qualifications.

*The McPherson College Scholarship Loan Fund* was formerly the most important loan source for students. Of recent years, however, the assets that have come to that fund have generally been transferred as matching portions in several of the other loan funds to broaden the available loan base. Many individuals and groups have contributed to this fund. Some of these are:

Beatrice Assembly  
Mr. and Mrs. Joseph L. Bowman and family  
Albert and Charles J. Cochran  
John Samuel Evans  
E. J. Frantz  
Mrs. E. E. Greenough  
Mrs. Sarah Whitmore Harnly  
Dr. W. C. Heaston  
Della Hoerner  
Rosco Ingalls  
Mrs. Elizabeth Kenner  
Mr. and Mrs. Murray G. Kilmer Memorial  
O. F. McGongle  
The McLouth Church of the Brethren  
Frank Rhodes  
Mrs. Sarah Ellen Rock  
Dr. Ralph Y. Strohm  
The Ernest and Olivia Ikenberry family  
Texas-Louisiana District  
Various youth groups of the area

*Ministerial Loans* amounting to 30 per cent of college tuition for full-time enrollment of no more than 15 hours per term may be granted to juniors and seniors who are preparing for the ministry and other types of full-time Christian service. Interest at the rate of 4 per cent will be assessed for any unpaid balance following the date of discontinuance of course of study at McPherson College.

At any time within ten years following discontinuance of study at McPherson College this loan will be automatically retired at the rate of 20 per cent of its face value for each full year of service the student renders as a pastor of a local church, full-time ministers of music, or full-time director of Christian education in a local church, missionary under the auspices of his denomination, or full-time worker in Brethren Service.

The College employs student assistants to aid the instructional staff. The students are usually selected from the upper classes and are students of high scholastic standing. Appointments are subject to the approval of the Dean of Academic Affairs.

#### 4. ASSISTANTSHIPS

There is some opportunity for students to earn money both at the College and in the town of McPherson. The Food Service supplies work to a number of women and men. There is janitorial work for dependable students. Some students find clerical work in the college offices, and some work in the library. In addition to this, many students find work in private homes, stores, service stations, garages, and restaurants in McPherson. However, it should be understood that only a relatively small part of one's total expense can be earned by part-time employment and that jobs are limited. Caution should be exercised in the number of work hours a student undertakes. A maximum working load should be fifteen hours, if one is carrying a normal load of school studies.

#### 5. EMPLOYMENT

The Placement Bureau assists graduates and former students to secure positions in their professional fields. Registration blanks may be secured in the Education Placement Office. A nominal fee of \$5.00 is charged for life membership. The only occasions when additional charges would be incurred are in event of the need for additional sets of credentials or for use of the vacancy notification service. Charges are \$2.50 for each additional set of three credentials and \$5.00 for each season's use of the notification service. Members of the placement bureau are urged to keep their credentials up to date by adding new recommendations, additional academic work, or change in personal data. Credentials will be sent to any school at the request of the member or a school system.

A placement service for other fields than teaching is also maintained in the Placement Bureau. Many business firms make contacts through this office in recruiting employees. Current information concerning job opportunities is made available to graduating seniors.

The College, particularly through its admissions offices, assists students to find work. Many McPherson and area businessmen and farmers report part-time student jobs to this office which in turn makes this information available to students.



### 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 Student Life 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.

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

In addition, the College is closely related to Prairie View Mental Health Center for professional psychiatric help. A resident counselor is available to our students.

Scholarship is stressed, and health, emotional balance, personality adjustment, economic intelligence, religion, and vocational purpose are values 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 opening weeks of school, 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 and clinic 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 per semester at a physician's office and \$3.00 for one residence call. All calls must be approved in advance by the school nurse or a Resident Director of one of the Dorms.
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.
4. To advise for the maintenance of 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.

Costs of all other office calls, examinations, medicine, X-rays, and special treatments must be paid by the student. However, McPherson College has made arrangements with the Blue Cross-Blue Shield whereby the student can obtain complete health insurance coverage for the very nominal fee of approximately \$41.64 for a single student, subject to change) per calendar year.

*Testing Service.* All incoming students are required to take the tests of the American College Testing Program prior to admission or immediately upon matriculation. The scores on these tests are used for counseling purposes.

During the period of orientation, additional tests are administered to freshmen. Results from all of these tests are made available to qualified 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 one of the deans.

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

All 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 Convocation period is held once a week. Voluntary Chapel and various religious and special interest groups meet regularly.

*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.

The new Student Union Building houses excellent social facilities including the college bookstore, dining rooms, lounges, recreation areas, and student offices. There are lounges in the residence halls in which students meet their friends during leisure hours. Informal gatherings are sometimes held in the homes of faculty members and the president.



## McPHERSON COLLEGE

Many informal parties and some formal activities are planned in order that students may feel culturally at ease in all types of social life. Trips to nearby cities, and outings are regularly arranged. The social life is under the general administration of the Activities and Social Committees composed of faculty members and students.

### Student Regulations

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

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 central in his pattern of conduct. (In order to help in these directions, the College, since its inception has ruled that alcoholic beverages, gambling, illegal use of drugs, and smoking in campus buildings shall not be a part of its campus conduct.)

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 matters of adjustment or discipline which work against the welfare of any individual student, or of the total college group.

The student is encouraged to participate fully in the religious activities of the campus and to attend regularly the church of his choice. The College provides a variety of Convocation programs of which ten are required. Voluntary worship is available to students once a week.

The Dean of Student Affairs 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 may be asked by the Administration or the Student Court, following approval of 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 speak-

ing, and so on. Scheduling should be done 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 residence hall. This is important, since there are two colleges in McPherson.

Visitors are always welcome at McPherson College. If housing is desired, guests should report ahead of time to the Resident Director of a given dormitory or to the college administration in order that housing may be arranged.

### Extracurricular Activities

*Extracurricular Activities* are organized and arranged to provide helpful experiences and opportunities for personal development on the part of students. These undertake to contribute to the general educational purposes of the College. The Student Life Committee of the faculty is the general supervising agency. In addition, each student organization has a faculty sponsor who attends meetings, 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 broaden their college experiences and to enrich their personalities.

*The Spectator.* The campus newspaper published weekly by the students gives opportunities for practical experience in journalism. Students hold the editorial and staff positions of editor-in-chief, managing editor, campus editor, and business manager. The editors serve one term in each of the three editorial positions. A new campus editor is selected each term. 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. A business manager and assistant help prepare the yearbook. All of these get practical experience in journalism and business.

*The Student Council.* The Council is the governing agent of the student body. It is comprised of: a president, a vice president, a secretary, a treasurer elected from the total student group, two representatives from each of the four classes, elected by the members of the class to be represented, eight representatives elected at large by the student group. Faculty advisers are: the Dean of Academic Affairs; the Dean of Women, the Dean of Men; and the Dean of Student Affairs.

The Council issues three publications. *The Growl*, a student handbook for

## MCPHERSON COLLEGE

distribution at the opening of the school year, the *Spectator*, a campus newspaper and the *Quadrangle*, a student yearbook.

The Student Council distributes the funds allotted to the Council by the College for the various student organizations and cooperates with the Student Life Committee of the faculty on matters of concern relative to student welfare.

Students living in the residence halls have their own *residence hall council* which administer college and residence hall regulations with the advice and assistance of the head residents, resident assistants, and deans of women and men.

*The Student Court.* The Court functions as the guidance and disciplinary agency of the student body. It interprets the student body constitution and has the authority to render and enforce disciplines, even to the extent of recommending suspension from college. The Court is composed of thirteen members: five seniors, four juniors, three sophomores, and one faculty representative. A chairman is elected at the general student election. The secretary-treasurer is elected by the Court from its membership.

*Women's Council.* This is under the sponsorship of the Dean of Women and is composed of a selected group of college women. The council meets regularly to discuss and deal with student welfare.

*The A Cappella Choir.* This choral group specializes in the singing of unaccompanied choral literature. Members are chosen on the basis of maturity of voice and choral experience. Membership is limited. The choir makes appearances at college assemblies or chapel services, at the college church, and at various McPherson College area and regional meetings. It presents a public concert in the early spring. Occasionally it tours among high schools and churches.

*The College 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; a section of the band called the *Pep Band* performs at the athletic events.

*Small Instrumental and Vocal Ensemble.* 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, baseball, cross country, 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. It sponsors various events and meetings.

*The McPherson College YM-YWCA* seeks to attract and unite in fellowship persons of various faiths and those who affirm no faith. It seeks to help persons serve in the spirit of love, work for a just society and act for freedom and enrichment of human living. In an open search for life purpose, individuals are encouraged to confront the power and relevance of the Christian faith.

*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 students. Demonstrations, social functions, and play days are included in the program. Official letters are awarded to girls for points earned in participation.

*Intramural Sports.* These are varied and all students are encouraged to participate. Their purpose is to create interest in sports and to afford all students opportunity for expression and for leadership experience in the area of athletics.

#### SPECIAL INTEREST EXTRACURRICULAR ACTIVITIES:

Agricultural Club	M.E.N.C. (Music Educators National Conference)
Alpha Psi Omega (Dramatics)	Model United Nations
Chamber Choir	Pep Band
Circle K Club	Phi Alpha Theta (National Honorary History Society)
C.B.Y.F. (Church of the Brethren Youth Fellowship)	Pi Kappa Delta (National Honor Forensic Society)
Forensics (Debate)	Rodeo Club
German Club	Skate Club
Home Economics Chapter	Sociology Club
International Relations Club	S.N.E.A. (Student National Education Association)
Math Club	Young Democrats
M.C.Y. (McPherson College YM—YWCA)	Young Republicans
McPherson College Players	



### Special Events

*Church of the Brethren Area Youth Conferences:* Senior high young people from the college church constituency are invited to the campus for a weekend conference each spring.

*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.

*Parents Day:* Each fall parents of the students are invited to the campus for the weekend for the purpose of visiting students and becoming better acquainted with faculty and better informed about the College.

*Homecoming:* Each fall a Homecoming celebration is sponsored by the Alumni Association and various student organizations of the College. Several activities, including class reunions, extracurricular group reunions, alumni teacher coffees, an evening program, an evening coffee hour for alumni, and others are planned for the weekend. A Homecoming queen and two attendants, selected by the students, reign over the festivities and are honored at the Queen's Ball in the evening.

*Convocation and Chapel Programs:* Outstanding speakers are scheduled throughout the year to address the entire student body on timely secular and religious topics.

*Open House.* Every year each residence hall holds an open house. Parents, faculty, and friends are invited to visit the students in their residence hall homes.

*Musical Programs.* Concerts and other musical productions are presented by vocal and instrumental groups and soloists throughout the school year.

*Plays and Debates.* During each school year the College Players present a wide variety of dramatic productions. McPherson College annually hosts at least one invitational debate tournament.

*The McPherson Cultural Series.* The College annually sponsors a series of musical, dramatic, and lecture attractions for the campus community and the general public. Outstanding programs of past years have included the Don Coxack Chorus, the San Antonio Symphony, the Norman Luboff Choir, AP correspondent Eddy Gilmore and Bennett Cerf.

#### All-School Events

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

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

Special dinners are provided at various times during the school year by the Food Service for students and faculty members. The students have one night a week which is designed as "dress-up" night in the dining hall.

McPherson County "All Schools Day" festivities are participated in by the College. Some of the college organizations enter floats in the "All Schools Day" parade.

*Community Service.* McPherson College is eager to be of service to high schools, communities, and churches, either nearby or throughout the entire area. Faculty and students are prepared to assist in teachers' institutes, parent-teacher meetings, lecture courses, entertainments, and religious services. A speakers bureau is maintained.

*Adult Education.* The College functions in something of the capacity of a community college by providing classes in adult education during certain evenings of the week.

*Brethren Colleges Abroad:* The College cooperates with Bridgewater College, Elizabethtown College, Juanita College, La Verne College, Manchester College.



## McPHERSON COLLEGE

and Bethany Seminary in operating a junior year abroad program at Marburg, Germany, and Strasbourg, France, under the auspices of the Commission on Higher Education of the Church of the Brethren.

McPherson College students have the opportunity to join a year abroad program in Latin America, at the Universidad de los Andes in Bogota, Colombia, through the International Educational Services of the Council of Mennonite Colleges.

Students interested in these programs should consult with the Dean of Academic Affairs or a language adviser early in the freshman year.

## ACADEMIC REGULATIONS

### Admission Requirements

It is the desire of McPherson College to admit students of good character and purpose whose academic and personal achievement give promise of success in college. Each candidate is expected to be a graduate of an approved secondary school with a satisfactory scholastic record.

An application for admission must be filed with the Office of Admissions on an official form. On the application form the candidate indicates his housing preference. A thorough health examination by the applicant's physician must be summarized on a college medical form. Forms are secured from the Director of Admissions.

Candidates for admissions are required to take the American College Testing program examinations. It is recommended that this test be taken by the candidate during the senior year of high school. Students from states not regularly administering the ACT exams will be expected to take the tests at McPherson during the opening days of school.

A non-refundable application fee of \$10.00 is to accompany the application for admission. All students who are accepted for admission are required to make an advance tuition deposit of \$50.00 which is due 20 days after notification of acceptance for admission. This deposit for educational expenses is non-refundable.

An official transcript of the student's high school record and recommendations as to his personal and social qualities are required. After data are gathered, each application for admission is given individual attention. The decision of the Admissions Committee is based on a careful examination of the candidate's file. On the basis of satisfactory credentials, including a seven-semester transcript of credits, a high school senior may be granted tentative admission contingent upon the satisfactory completion of requirements for graduation from the student's high school.

*Advanced Standing:* Candidates for admission from other colleges must present evidence of honorable dismissal and official transcripts from the colleges attended.

A student seeking admission to advanced standing must present an application for admission to the Director of Admissions and should request each institution previously attended to send to the Director of Admissions a transcript of college work completed. In addition, the student himself should submit a letter of his own composing in which he gives his reasons in detail for wishing to transfer.

A student who has achieved upper-level standing may not transfer junior-college credit to McPherson College for work taken beyond the sophomore year.

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 college with the R.N. degree in nursing will be credited with some work toward graduation at McPherson. This can total as much as one year's work toward a degree.

*Re-admission.* Students who have previously attended McPherson College and who have interrupted their McPherson College program for longer than the period of one summer recess must make application for re-admission with the payment of a \$5.00 fee. If re-admission is granted, an official letter of acceptance will be sent before the time of registration.

*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. A student must complete all admission procedures prior to registration. Registration for each term 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 \$10.00.

### Degree Requirements

The degree, Bachelor of Science, is offered in biology, chemistry, mathematics, physics, home economics, industrial art education, agriculture and rural life, music education, education, economics and business, history, physical education, psychology and sociology. The degree, Bachelor of Arts, is offered in English, applied music, philosophy and religion, economics and business (economics emphasis), foreign languages, history, sociology, biology, chemistry, mathematics, physics, speech-theatre, and psychology.

The B.S. or A.B. 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 term immediately preceding the date of graduation.

*Residence.* In order to qualify as a candidate for a college degree, a student

## MCPHERSON COLLEGE

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 earn a grade-point average of 2.0. The grade-point average is calculated by dividing the number of grade points earned by the number of hours attempted. A course may be repeated on approval of the dean of academic affairs, with the last grade being used to determine grade-point average. Grade points are earned as follows:

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



## ACADEMIC REGULATIONS

*Distribution Requirements* The distribution requirements for the Bachelor of Science degree and the Bachelor of Arts degree are as follows:

BACHELOR OF SCIENCE		BACHELOR OF ARTS	
<i>Humanities</i>		<i>Humanities</i>	
	<i>Hours</i>		<i>Hours</i>
Art and/or music *a .....	3	Art and/or music *a .....	3
Literature *b .....	3	Literature *b .....	6
Bible and religion *c .....	6	Bible and religion *c .....	6
Philosophy or history of thought *e .....	3	Foreign language *d .....	10
		Philosophy or history of thought *a .....	3
<i>Social Sciences</i>		<i>Social Sciences</i>	
	<i>Hours</i>		<i>Hours</i>
History .....	3	History .....	6
Sociology *f .....	3	Sociology *f .....	3
Economics *g .....	3	Economics *g .....	3
Electives in social science *h .....	3	Electives in social science *h .....	3
<i>Physical and Biological Science</i>		<i>Physical and Biological Science</i>	
	<i>Hours</i>		<i>Hours</i>
Biological and physical science .....	10	Biological and physical science .....	10
This requirement must include at least one course (of not less than two hours) in each of the two areas.			
Electives in science and/or mathematics *i .....	5		
<i>Special Skills and Understandings</i>		<i>Special Skills and Understandings</i>	
	<i>Hours</i>		<i>Hours</i>
Written Communications .....	6	Written Communications .....	6
Oral Communications .....	2	Oral Communications .....	2
Health & physical education *j .....	4	Health & physical education *j .....	4

- a Courses emphasizing teaching methodology cannot be used to meet this requirement.
- b Reference is to Literature courses numbered from 21 to 146.
- c Three hours of this requirement must be met from Philosophy and Religion courses 21, 22, 106, 111, 116, or 123. The remaining three hours may be met from the above courses or Philosophy and Religion courses 24, 119, 141, 153, or 154.
- d Must be all in one language. The requirement may be waived by the Dean of Academic Affairs for those who can demonstrate reading or conversational ability.
- e Courses meeting this requirement are: Philosophy and Religion courses numbered 37, 39, 40, 144, 146, 157, 158, 159, and 160. Speech-Theatre course numbered 135. Sociology course numbered 135. Political Science course numbered 198.
- f Reference is to Sociology courses numbered 23, 30, and 64.
- g Reference is to Economics courses numbered 1, 2, 4, and 140.
- h Electives here may include additional hours in the areas indicated above and hours in general psychology and political science.
- i Mathematics courses numbered 4 or above may be used. Up to three hours of this requirement may be met by courses in the practical arts and applied sciences.
- j This must include two hours of activity courses from the Health, Physical Education and Recreation Department numbered 111, 113, 24, 26, 63, and 110. The additional two hours may be from the above or from other courses in the department and from Nutrition or Family Health in the Home Economics Department or course 52 in the Biology Department.

*Concentration Requirements:*

1. The completion of a major of not less than 24 semester hours in biology, chemistry, economics and business administration, education, psychology, English, foreign languages, history, home economics, industrial arts, mathematics, music, physics, philosophy and religion, physical education, sociology, rural life or speech-theatre is required. A minimum of 12 hours of this requirement must be met in the courses open to juniors and seniors only. At least 9 of the hours of the major must be completed at McPherson College.
2. Comprehensive, 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.

**Degree Requirements**

*Proficiency Examination in English* All students are required to pass a proficiency examination which consists of the writing of an expository essay in correct manuscript form and the establishing of an acceptable score on a standardized objective test before applying for graduation or for matriculation in the teacher education program. This examination is given at the beginning of the fall term and is required of all juniors and those seniors who have not passed it or a similar test in another school. Students who fail the examination are required to complete the course requirements in Basic English Communications.

*English Usage Test for Foreign Students:* Each foreign student enrolling at McPherson College for the first time is automatically enrolled in 07 English for Foreign Students and will continue in the course until acceptable standards of English usage have been established through his achievement on a test, administered by the Department of English, Speech, and Theatre. Those students who are successful in the test may drop the course 07 English for Foreign Students and pursue a program of study as regularly enrolled students. Those failing to establish acceptable standards of English usage will remain in 07 English for Foreign Students and will work out a program of study with the Dean of Academic Affairs in which some or all of the other courses studied are to be audited.

**General Academic Requirements**

*Student Load:* The normal student load during the fall and spring terms is

ACADEMIC REGULATIONS

13-14 credit hours per term. The upper limit is 15 hours per term, except students with a cumulative grade-point average of 3.00 or better may enroll for 16 hours without special permission.

*Change of Election of Courses* will be initiated through the counselor. Such changes cannot be granted after the second week of the term. Upon written request and the presentation of valid reasons for exception being made, the Dean of Academic Affairs 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 term.

*Withdrawal from Courses* without registration of grade is possible until the fifth week of the term on the approval of the Dean of Academic Affairs. 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. Permission to withdraw from courses will not be granted after the eleventh week of the term.

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.

Students are placed on probation or dismissed from college on the basis of the following table. Once placed on probation a student of any classification will remain on probation until his cumulative index is brought up to the 2.0 level.

SCHOLARSHIP AND  
PROBATION RULES

Classification	Hours Attempted	Placed on Probation		Dismissed
		Term GPA	Cumulative GPA	Cumul. GPA
Freshman*	0-14	1.49	1.49	
Freshman**	15-29	1.74	1.74	
Sophomore*	30-44	1.74	1.74	
Sophomore**	45-59	1.74	1.99	
Junior	60-89	1.74	1.99	1.79
Senior	90-124	1.74	1.99	1.89

\*First term

\*\*Second term

Exceptions to these rules will be made only by special action of a committee consisting of the President, the Dean of Academic Affairs, the Dean of Student Affairs, and the Registrar. During the absence of any one or two of these persons, the President or the Dean of Academic Affairs may make temporary appointment of one or two of the Educational Policies 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 re-admission 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.

*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.

<i>Classification</i>	<i>Hours Toward Degree</i>
Sophomore .....	30
Junior .....	60
Senior .....	90

*Grading* All grades are determined by the instructor in charge of the specific course.

*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 course is the incomplete has been unavoidable as determined by the instructor and the dean of the college
- F—indicates failure
- W—withdrawn

*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 of Academic Affairs 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 3.50 during the previous term. Students obtaining a grade point average from 3.25 to 3.49 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 publicized at the close of each term. This list shall be known as the Honor Roll of McPherson College.

*Honor Graduate:* McPherson College gives consideration for excellency in scholarship during the college course by graduating students with the following honors:

Students who earn a minimum cumulative grade-point average of 3.40 are graduated cum laude

Students who earn a minimum cumulative grade-point average of 3.60 are graduated magna cum laude

Students who earn a minimum cumulative grade-point average of 3.80 are 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 term may enroll for independent study in his major department for the ensuing term. 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 Educational Policies Committee prior to the enrollment for the work. One to three semester hours credit may be earned during a given term, 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 Educational Policies Committee. At the discretion of this group, the student may also be required to take a written examination, as well as an oral comprehensive before a committee of faculty members headed by the major professor.

*Problems Courses.* A student in his junior or senior year may enroll for a special problems course of from one to three semester hours. The subject for the problem on which the student is to work and the amount of credit to be received must be approved by the instructor, the Head of the Department, the student's faculty adviser, and the Dean of Academic Affairs prior to enrollment.

*Class Attendance.* Regular class attendance is expected of all students. All professors will outline class attendance policy at the beginning of each term. Students with excessive absences from class or private lessons may be dropped from the class and of the college.

The final grade of any student who has been absent from any class or laboratory for any reason may be lowered at the discretion of the instructor. Absences from classes in the period immediately preceding or the period immediately following a vacation shall be considered equivalent to two absences for each period missed. Exceptions to these rules may be made through joint agreement of the Dean of Academic Affairs and the instructor.

Necessary absences that can be anticipated should be cleared with the Dean of Academic Affairs 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 next meeting of the class he attends. Make-up work for all absences is determined by the instructor of the class.

*Convocations.* For the purpose of broadening and enriching the student's educational experience, the College provides a series of convocations. The variety of the events offers the student opportunity to develop appreciation in the fine arts as well as intellectual stimulation through confrontation with the major issues of the day.

A student is required to attend ten convocation events each fall and spring term. These may be selected from a list of Thursday morning events as well as several approved evening events such as the Cultural Series.



## McPHERSON COLLEGE

During enrollment each student will be provided with a list of the approved convocations and ten IBM cards which he will present as he attends events during the term. All ten must be used before the end of each term.

The penalty for violation of the above stated plan will be decided in each case by the Convocation Committee, with the minimum being make ups the next term and or a money fine and the maximum being suspension.

*Chapel:* Religious worship services are conducted once each week. Although attendance at these is voluntary, all are invited to attend. Worship is considered personal, but highly important.



### 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 a student to enter a number of vocations upon graduation, or after study in the preprofessional curriculum at *McPherson* to proceed to a 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 Agriculture, Art, Biology, Chemistry, Economics and Business Administration, Education, Psychology, English, Foreign Languages, History.

Home Economics, Industrial Arts Education, Journalism, Mathematics, Music, Philosophy and Religion, Physical Education, Physics, Sociology, and Speech-Theatre. A careful examination of departmental materials described in this catalog and a continuous contact with a faculty adviser will place the McPherson student in a good educational relationship with any 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 outlines for the first two years of college.

*Choices of Specific Courses* from this outline will depend on the objectives of the students. Choices 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 adviser 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 he discusses his college enrollment with his adviser. Departmental counselors, the Dean of Academic Affairs, and the Registrar are available to advise on the specific subjects to consider.

#### Suggested Program Outline — Bachelor of Science

##### FRESHMAN YEAR

First Term		Second Term	
	Hours		Hours
Written Communications	3	Written Communications	3
Science	4	Science	4-5
Bible* Philosophy or Religion	3	Bible* Philosophy or Religion	3
Mathematics or Electives	3	Oral Communication or Electives	2-3
Art, Music, or Electives	2-3	Mathematics or Electives	2-3
Physical Education	1	Physical Education	1

##### SOPHOMORE YEAR

First Term		Second Term	
	Hours		Hours
Philosophy Electives	3	Literature	3
Sociology	3	Economics	3
History	3	Social Science Electives	3
Science, Mathematics, or Electives	3	Science, Mathematics, or Electives	3
Electives	2-4	Electives	2-5
Physical Education	1	Physical Education	1

## MCPHERSON COLLEGE

students planning to do school library work should become acquainted with certification requirements at the different levels of teaching.

*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

<i>Hours</i>		<i>Hours</i>	
General Biology 1	4	Vertebrate Physiology 52	4
Chemistry 11	4	Inorganic Chemistry 12	5
Written Communications	3	Written Communications	3
Oral Communications	3	Art or Music	3
Physical Education	1	Physical Education	1

### SOPHOMORE YEAR

<i>Hours</i>		<i>Hours</i>	
Vertebrate Structure and Evolution 30	5	Elementary French or German 2	5
Elementary French or German 1	5	History	3
Sociology	3	Elementary Economics 1	3
Microbiology 34	4	Algebra and Trigonometry	5

### JUNIOR YEAR

<i>Hours</i>		<i>Hours</i>	
Animal Development 109 or Cell Biology 163	4	Ecology 116 or Invertebrate Zoology 55, 105	4
General Physics 3	4	General Physics 4	4
Electives in Literature	3	Social Science Elective	3
Electives in Philosophy & Religion	3	Electives in Philosophy & Religion	3
Quantitative Analysis or Electives	4-3	Electives	3

### SENIOR YEAR

<i>Hours</i>		<i>Hours</i>	
Genetics 183	4	Invertebrate Zoology 105 or Ecology 116	4
Organic Chemistry 111	4	Seminar in Biology 187	1
Electives	8-9	Organic Chemistry 112	4
		Elective in Philosophy	3
		Electives	3-5

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 the 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 applicants and dates for medical aptitude tests.

## ACADEMIC REGULATIONS

**Pre-Medical Technology.** A program is offered whereby a student may attend McPherson College for three years and enter an accredited Medical Technology training program for his fourth year. After successful completion of the training program and upon passing the national board examination in Medical Technology, the student will be certified as an MT (ASCP) and will be granted a Bachelor of Science degree by McPherson College.

During the three college years, all distribution requirements for a B.S. degree must be met, a program fulfilling the departmental requirements for a major must be completed and all of the entrance requirements for a Medical Technology school must be satisfied.

The following program must be followed closely during the first three years. If a student chooses to major in Biology, the courses marked with a B must be taken and those marked C do not need to be taken. The reverse applies for a student who chooses to major in Chemistry.

PRE-MEDICAL  
TECHNOLOGY PROGRAM

## FRESHMAN YEAR

<i>Hours</i>		<i>Hours</i>	
Written Communications 1 .....	3	Written Communications 2 .....	3
General Biology I .....	4	Vertebrate Physiology 52 .....	4
Chemistry II .....	4	Inorganic Chemistry and Qualitative Analysis 12 .....	5
Oral Communications .....	3	Electives in History .....	3
Physical Education .....	1	Physical Education .....	1

## SOPHOMORE YEAR

<i>Hours</i>		<i>Hours</i>	
Algebra and Trigonometry 7 .....	5	B Introductory Organic Chemistry 54 or .....	
Quantitative Analysis 55 .....	4	C Quantitative Analysis 56 .....	4
B Vertebrate Structure and Evolution 50 or Electives .....	3-5	B Invertebrate Zoology or Electives .....	3-4
Electives in Art or Music .....	3	Elementary Economics I .....	3
		Electives in Humanities .....	3
		Electives in Sociology .....	3

## JUNIOR YEAR

<i>Hours</i>		<i>Hours</i>	
Microbiology 34 .....	4	C Organic Chemistry 112 or .....	
B Genetics 183 or C Organic Chemistry 111 .....	4	B Ecology 116 .....	4
General Physics 3 .....	4	General Physics 4 .....	4
Electives in Philosophy & Religion .....	3	Electives in Philosophy & Religion .....	6
		Electives in Social Science .....	3
		B Seminar in Biology 187 .....	1

After completion of an acceptable three-year program at McPherson College, the student may enter Grace Hospital School of Medical Technology, Hutchinson, Kansas, or Wesley Hospital School of Medical Technology, Wichita, Kansas, schools with which McPherson College is affiliated. Permission may be given to a student to enter a school of medical technology with which McPherson College has no formal affiliation.

## MCPHERSON COLLEGE

**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 adviser 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 prepare the pre-nursing student to transfer to the standard nursing program in a professional school which will lead to the attainment of both a R.N. and a B.S. in Nursing Education after two years of study.

**Pre-Veterinary Medicine:** The pre-veterinary curriculum includes a nucleus of basic courses designed to meet the requirements for admittance to a curriculum of Veterinary Medicine. The curriculum may be modified somewhat to meet requirements of the specific Veterinary Medicine school to which the student intends to transfer upon completion of the pre-veterinary curriculum.

### FRESHMAN YEAR

<i>Hours</i>		<i>Hours</i>	
Written Communications 1 .....	3	Written Communications 2 .....	3
Chemistry 11 .....	4	Inorganic Chemistry 12 .....	5
General Biology I .....	4	Animal Husbandry 22 .....	3
Dairy Husbandry 25 .....	3	Algebra and Trigonometry 7 .....	5
Social Science Elective .....	3	Physical Education Electives .....	2
Physical Education Elective .....	1		

### SOPHOMORE YEAR

<i>Hours</i>		<i>Hours</i>	
General Physics 3 .....	4	General Physics 4 .....	4
Animal Development 109 .....	4	Introductory Organic Chemistry 54 .....	4
Microbiology 34 .....	4	Oral Communications .....	3
Poultry Husbandry 9 .....	3	Humanities Electives .....	3
Humanities Electives .....	3	Social Science Electives .....	3
		Physical Education Elective .....	1

Although most Veterinary Medicine schools still admit candidates who have successfully completed the pre-veterinary curriculum and can meet the other requirements set forth by the various institutions, it is becoming increasingly more common for students to complete the B.S. degree before applying for admittance to the professional curriculum of Veterinary Medicine. Those interested in Veterinary Medicine as a career are urged to consider the benefits of completing the B.S. degree before entering Veterinary Medicine.

**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:* A student who plans to enter a theological school or graduate school of religion should plan his college studies in such a way as to gain a broad background of knowledge in both the humanities and the social sciences. A student who chooses to major in philosophy and religion should plan a strong program of electives in supporting areas such as history, literature, English, sociology, and foreign languages. A student who chooses to major in some other area should at the same time plan a strong program of electives in philosophy and religion. The American Association of Theological Schools makes the following specific recommendations concerning the minimum number of one-semester courses which should be taken in various fields:

Religion (Bible, comparative religions, introduction to theology) — at least three semesters.

Philosophy (orientation in history, content and method) — at least three semesters;

History (ancient, modern European, American) — at least three semesters.

English (literature, composition, speech and related studies) — at least six semesters;

Natural sciences (preferably physics, chemistry and biology) — at least two semesters.

Social sciences (psychology, sociology, economics, political science, education) — at least six semesters;

Foreign languages (German, French, Latin, Greek, or Hebrew) — at least four semesters.

Many theological schools and graduate schools of religion prefer that an entering student have a stronger concentration in religion at the college level than the minimum of three one-semester courses suggested above. The student and his faculty adviser should consult the catalog of the school the student plans to attend. A pre-theological student majoring in some area other than philosophy and religion should consult with a faculty member in the department of philosophy and religion as well as with his own major professor.

*Christian Education.* There is a growing demand for Directors of Christian Education in churches and for workers in related areas. The curriculum for this program, which emphasizes religion and liberal arts, also includes courses in recreation, arts and crafts, music, education, and psychology. The program is designed for placement of the graduate in local churches or for pre-theological education leading to seminary graduate study.

*Teacher Education.* Preparation of teachers is one of the major functions of the College. Prospective teachers are referred to the section of the catalog describing the offerings of the Department of Education.

### Evening Classes

McPherson College makes available on-campus evening courses. The program is beneficial not only to local people but to a constituency in a rather large area surrounding McPherson.

A limited number of regular college courses are available with residence credit on Monday, Tuesday, and Thursday evenings during the time of the regular academic year. The courses are taught by fully-qualified McPherson College faculty and visiting lecturers. The evening program has enabled many adults to complete their college education by enrolling in a limited number of courses in addition to their regular employment activities.

### Summer Term

McPherson College offers a full daytime summer term during the months of June, July, and August. It is possible to earn 12 hours of credit during the summer term. Special workshops supplement the regular college courses. The pleasant campus atmosphere, plus air-conditioned facilities, proves to be a stimulating educational experience for many.

The summer term is designed to aid the student desiring to (a) accelerate his college program, (b) prove his ability to do college work, (c) remove academic deficiencies.

Many public school teachers use the summer term to renew certificates and increase their teaching competency through participation in workshops directed by local and visiting specialists.

Contact the Director of Summer Sessions for additional information.

## 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 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.

*The schedule of courses issued by the Registrar of the College before each term takes precedence over the catalog.*

## HUMANITIES AREA . . .

### ART

ENGLISH, SPEECH, and THEATRE

FOREIGN LANGUAGES

MUSIC

PHILOSOPHY and RELIGION

### ART

- 1 **ART APPRECIATION** 3 Hrs.  
An introduction to the major forms and purposes of art. A suggested prerequisite to all art courses. Spring (10:30 M.W.F.)
- 2,3 **GENERAL DRAWING AND PAINTING** 2 Hrs.  
The fundamentals of art in theory and practice using media of pencil, pen and ink, and water color. The year (1:30-3:30 T.Th.) Per term
- 4,5 **SECOND YEAR DRAWING AND PAINTING** 2 Hrs.  
A course providing additional experience in drawing and painting. Prerequisite: Art 2 and 3. The year (1:30-3:30 T.Th.) Per term
- 6,8 **HISTORY OF ART** 2 Hrs.  
A course devoting the first semester to a study of art from cave paintings through the art of the Middle Ages; a second semester study of art from the Renaissance period to modern time. The year (10:30 T.Th.) Per term
- 25 **ART EDUCATION** 3 Hrs.  
A study of materials, methods, and techniques used in elementary art education with emphasis upon the child's needs and development. Fall (10:30 M.W.F.)
- 32 **INTRODUCTION TO SCULPTURE** 2 Hrs.  
The fundamental study of sculpture and bas-relief using wood, plastic, sculpt-metal, and clay. Fall (1:30-3:30 M.W.)
- 51,62 **INTRODUCTION TO CERAMICS** 3 Hrs.  
An introductory applied study of the making, decorating, and firing of pottery and other clay forms. The year (1:30-3:30 M.W.) Per term
- 27 **INTRODUCTION TO OIL PAINTING** 2 Hrs.  
The fundamental study of oil painting. Prerequisite: Art 2 or 3. Spring (1:30-3:30 T.Th.)

- 101 **ADVANCED CERAMICS** 3 Hrs.  
Continued work at the wheel, including glaze and lin theory, introducing mosaic work. Prerequisite: Art 51 and 52. By appointment
- 102 **ADVANCED SCULPTURE** 2 Hrs.  
Continued work with ceramic sculpture and wood carving. Prerequisite: Art 32. By appointment.
- 127 **ADVANCED PAINTING** 2 Hrs.  
Continued study of oil painting. Prerequisite: Art 57. By appointment.
- 190 **SPECIAL ART PROJECTS** 1-3 Hrs.  
Advanced work in specialized areas of art. Prerequisite: consent of instructor. By appointment.

### ENGLISH, SPEECH, AND THEATRE

*Requirements for an English major:* a minimum of twenty-four semester hours in composition and literature, including courses 21, 22, 102, 103; 115, 116, or 125; 106, 108, or 112; 142. Courses 1, 2, 3, 4, 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. English-education majors are also required to take 133 or its equivalent as a supporting course.

### Composition

- 1-3 **WRITTEN COMMUNICATIONS** 3 Hrs.  
The fundamentals of composition and their practical application in classroom experience. The year, Interterm (numerous sections). Per term
- 3-4 **ANALYTICAL READING AND WRITING** 6 Hrs.  
A course with study directed toward the reading of some of the more significant works in poetry, fiction, drama, and exposition, with the writing of scholarly



#### Evening Classes

McPherson College makes available on-campus evening courses. The program is beneficial not only to local people but to a constituency in a rather large area surrounding McPherson.

A limited number of regular college courses are available with residence credit on Monday, Tuesday, and Thursday evenings during the time of the regular academic year. The courses are taught by fully-qualified McPherson College faculty and visiting lecturers. The evening program has enabled many adults to complete their college education by enrolling in a limited number of courses in addition to their regular employment activities.

#### Summer Term

McPherson College offers a full daytime summer term during the months of June, July, and August. It is possible to earn 12 hours of credit during the summer term. Special workshops supplement the regular college courses. The pleasant campus atmosphere, plus air-conditioned facilities, proves to be a stimulating educational experience for many.

The summer term is designed to aid the student desiring to (a) accelerate his college program, (b) prove his ability to do college work, (c) remove academic deficiencies.

Many public school teachers use the summer term to renew certificates and increase their teaching competency through participation in workshops directed by local and visiting specialists.

Contact the Director of Summer Sessions for additional information.

### 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 convenient of organization rather than 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.

*The schedule of courses issued by the Registrar of the College before each term takes precedence over the catalog.*

## HUMANITIES AREA . . .

### ART

ENGLISH, SPEECH, and THEATRE

FOREIGN LANGUAGES

MUSIC

PHILOSOPHY and RELIGION

### ART

- 1 **ART APPRECIATION** 3 Hrs.  
An introduction to the major forms and purposes of art. A suggested prerequisite to all art courses. Spring (10:30 M-W-F)
- 2, 3 **GENERAL DRAWING AND PAINTING** 2 Hrs.  
The fundamentals of art in theory and practice using media of pencil, pen and ink, and water color. The year (1:30-3:30 T-Th) Per term
- 4, 5 **SECOND YEAR DRAWING AND PAINTING** 2 Hrs.  
A course providing additional experience in drawing and painting. Prerequisite: Art 2 and 3. The year (1:30-3:30 T-Th) Per term
- 8, 9 **HISTORY OF ART** 2 Hrs.  
A course devoting the first semester to a study of art from cave paintings through the art of the Middle Ages; a second semester study of art from the Renaissance period to modern time. The year (10:30 T-Th) Per term
- 24 **ART EDUCATION** 3 Hrs.  
A study of materials, methods, and techniques used in elementary art education with emphasis upon the child's needs and development. Fall (10:30 M-W-F)
- 32 **INTRODUCTION TO SCULPTURE** 2 Hrs.  
The fundamental study of sculpture and bas-relief using wood, plastic, sculpt-metal, and clay. Fall (1:30-3:30 M-W)
- 51, 62 **INTRODUCTION TO CERAMICS** 2 Hrs.  
An introductory applied study of the making, decorating, and firing of pottery and other clay forms. The year (1:30-3:30 M-W) Per term
- 67 **INTRODUCTION TO OIL PAINTING** 2 Hrs.  
The fundamental study of oil painting. Prerequisite: Art 2 or 3. Spring (1:30-3:30 T-Th)

- 151 **ADVANCED CERAMICS** 2 Hrs.  
Continued work at the wheel, including glaze and kiln theory, introducing mosaic work. Prerequisite: Art 51 and 52. By appointment
- 152 **ADVANCED SCULPTURE** 2 Hrs.  
Continued work with ceramic sculpture and wood carving. Prerequisite: Art 52. By appointment.
- 157 **ADVANCED PAINTING** 2 Hrs.  
Continued study of oil painting. Prerequisite: Art 57. By appointment.
- 160 **SPECIAL ART PROJECTS** 1-5 Hrs.  
Advanced work in specialized areas of art. Prerequisite: consent of instructor. By appointment

### ENGLISH, SPEECH, AND THEATRE

*Requirements for an English major:* a minimum of twenty-four semester hours in composition and literature, including courses 21, 22, 102, 103, 115, 116, or 125; 106, 108, or 112; 142. Courses 1, 2, 3, 4, 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. English education majors are also required to take 133 or its equivalent as a supporting course.

### Composition

- 1-2 **WRITTEN COMMUNICATIONS** 2 Hrs.  
The fundamentals of composition and their practical application in classroom experiences. The year, Interterm (numerous sections) Per term
- 5-4 **ANALYTICAL READING AND WRITING** 2 Hrs.  
A course with study directed toward the reading of some of the more significant works in poetry, fiction, drama, and exposition, with the writing of scholarly

M. PIERSON COLLEGE

theses about these works, critically examining and evaluating them. Open only to those freshmen students who qualify through testing to do work at a higher academic level than that which is required in the courses in Written Communications. Students may not receive credit in both Written Communications and Analytical Reading and Writing. (1:30 M.W.F.) Per term

- 1 **ENGLISH FOR FOREIGN STUDENTS** 2 Hrs.  
The fundamentals of oral and written communications for the foreign student. All foreign students are automatically enrolled in the course at the time of their initial enrollments and will remain in the course until they establish acceptable standards of English usage. Fall (9:30 M.W.)
- 102 **CREATIVE WRITING** 3 Hrs.  
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 (8:30 M.W.F.), alternate years, 1971
- 103 **ENGLISH LINGUISTICS: STRUCTURAL AND HISTORICAL** 4 Hrs.  
A study of (1) descriptive structural grammar of English emphasizing the phonology, the morphology, and the syntax of current English with a look at transformational grammar and (2) the internal and the external history of American English from Proto-Indo-European. Fall (2:30 M.T.Th.F.)
- 30 **BASIC ENGLISH COMMUNICATIONS** No Credit  
A course in the fundamentals of English usage, including study in both reading and writing. Designed to remedy deficiencies in English of juniors and seniors. Fall (7:30 and 9:30 M.W.F.) Interterm
- 06 **READING IMPROVEMENT** No Credit  
A program designed to aid the student who is having problems in college because of his ineffective reading habits. Practice in adult reading skills is given as well as work in improving study habits and skills. Spring (12:00 T.Th.)

Literature

- 16 **CHILDREN'S LITERATURE** 3 Hrs.  
Traditional and modern literature for children from kindergarten to high school. Spring (1:30 T.Th.)
- 21, 22 **INTRODUCTION TO LITERATURE** 3 Hrs.  
An introductory course designed to develop a sense of values and appreciation for the best in literature through a study of representative writers of the

world. Not open to freshmen. The year (7:30 M.W.F., 9:30 M.W.F.)

- 106 **THE VICTORIAN ERA** 3 Hrs.  
The major developments of English literature from 1835 to the close of the century. Spring (9:30 M.W.F.), alternate years, 1971.
- 108 **THE ROMANTIC MOVEMENT** 3 Hrs.  
The prose and poetry of the English romantics, including Wordsworth, Coleridge, Byron, Shelley, and Keats. Spring (9:30 M.W.F.), alternate years, 1970
- 112 **RENAISSANCE LITERATURE** 3 Hrs.  
A study of the literature of the Renaissance, beginning with the writings of Boccaccio and continuing through the writings of Milton. Spring (10:30 T.Th.), alternate years, 1970.
- 215 **THE AMERICAN ROMANTIC POETS** 3 Hrs.  
A study of the Romantic poets in America with special attention given to the works of Bryant, Poe, Longfellow, Holmes, Emerson, Whitman, Lowell, and Lamer. Spring (12:00 T.Th.), alternate years, 1970.
- 116 **AMERICAN TRANSCENDENTALISM** 3 Hrs.  
A study of Transcendentalism as it flourished in America with attention given to the philosophical and religious influences it has had on life in America. Spring (12:00 T.Th.), alternate years, 1971, Interterm
- 122 **CURRENT POPULAR LITERATURE** 3 Hrs.  
A study of the various types of writing published during the present day, including best sellers, Broadway plays, newspapers, periodicals, biography, non-fiction, with special emphasis on areas available to the discerning reader. Fall (6:30 T.), alternate years 1970
- 123 **THE DEVELOPMENT OF THE DRAMA** 3 Hrs.  
The development of the drama from its origin to the twentieth century. Fall (8:30 M.W.F.)
- 124 **THE NOVEL IN THE TWENTIETH CENTURY** 3 Hrs.  
A study of several representative twentieth century novels as a statement of man's effort to understand individual human nature, social institutions, and problems of personal adjustment. Spring (4:30 Th.)
- 125 **MODERN AMERICAN DRAMA** 3 Hrs.  
A study of modern American drama, with consideration given to the political, economic, social, and religious elements that are present in the current scene. Fall (6:30 T.), alternate years, 1969.

## AREAS AND COURSES OF STUDY

- 128 **CONTEMPORARY DRAMA** 3 Hrs.  
A study of dramas and playwrights which will culminate in a trip to New York to attend productions on Broadway. Interterm.
- 133 **LANGUAGE ARTS METHODS**  
(See Education)
- 142 **SHAKESPEARE** 3 Hrs.  
The life and times of Shakespeare with a study of selected plays. Fall (4:30 Th.)
- 290 **INDEPENDENT STUDY IN ENGLISH** 1-3 Hrs.  
(See regulations governing independent study)

### SPEECH AND THEATRE

*Requirements for a Speech-Theatre major:* a major is offered in the area of Speech and Theatre and requires a minimum of twenty-four semester hours. At least six hours should be in public speaking, discussion, and/or debate and six hours should be in drama and/or literary interpretation. Course 1, Oral Communications, is a prerequisite to all other courses in the speech and theatre area.

An education major should plan to include: 1, 11, 33, 51, 109, 135, and 141. Liberal arts majors should include: 1, 11, 35, 51, and 135.

*Related courses required to support a major:* a minimum of fifteen semester hours in English, foreign languages, or journalism, with at least six hours in English. Speech-education majors are also required to take English 133 as a supporting course.

**NOTE:** Students with outstanding backgrounds in speech may petition the Director of Speech Studies for the privilege of being tested in oral communications. Students passing the test may proceed directly into Public Speaking 33.

- 1 **ORAL COMMUNICATIONS** 3 Hrs.  
The study and application of good habits of speech and critical listening, with opportunity to gain skill through guided practice. Fall and Spring (numerous sections).
- 11 **ARGUMENTATION AND DEBATE** 3 Hrs.  
The principles of argumentation with practice in application by written briefs and oral argumentation. Fall (2:30 M.W.F.)
- 20, 120 **PRACTICAL DEBATE** 2 Hrs.  
Participation in intercollegiate debate. By appointment.
- 33, 131 **PUBLIC SPEAKING** 3 Hrs.  
Emphasis is placed upon the preparation and delivery of various types of speeches with personal help

- given to each person. Fall (10:30 T Th.); Spring (10:30 T Th), alternate years, 1976-77)
- 34 **GROUP PARTICIPATION AND LEADERSHIP** 3 Hrs.  
A study of the functioning of groups with practice in group participation and leadership. Fall (9:30 M.W.F.)
- 48, 148 **STAGECRAFT** 3 Hrs.  
A technical theatre course dealing with problems in set design and construction, color coordination, lighting, and general stage maintenance. Spring (2:30 M.W.F.)
- 50 **THE TECHNIQUE OF ACTING** 3 Hrs.  
Introduction to the interpretation, principles, and purposes of drama with attention given to the development of voice, body, mind, and emotion in creating the desired goal of professional performance. Will include laboratory study in some professional situation as funds are available. Interterm.



MCPHERSON COLLEGE

- 52, 151 **PLAY PRODUCTION** 3 Hrs.  
The methods of play production with emphasis on stage direction, technical skills, and business management. Fall (11:30 M.W.Th.).
- 189 **ORAL INTERPRETATION** 3 Hrs.  
The study and application of the principles of speech in the interpretation of drama and literature. Fall (7:30 T.Th.).
- 173 **THE DEVELOPMENT OF THE DRAMA**  
(See Literature.)
- 125 **MODERN AMERICAN DRAMA**  
(See Literature.)
- 170 **CONTEMPORARY DRAMA**  
(See Literature.)
- 132 **INTRODUCTION TO RADIO AND TELEVISION** 3 Hrs.  
A study of the history, development, methods, and techniques in radio and television broadcasting. Spring (1:30 M.W.F.), alternate years, 1970.
- 153 **LANGUAGE ARTS METHODS**  
(See Education.)
- 128 **LANGUAGE AND THOUGHT** 3 Hrs.  
A study of contemporary philosophies of language including General Semantics and other systems. Language habits as they relate to discovering meaning through communications will be studied. (Introduction to Philosophy is suggested background, but it is not required.) Spring (9:30 M.W.F.), alternate years, 1970.
- 141 **SPEECH DEFECTS** 3 Hrs.  
A study of speech defects and the ways in which teachers or parents may help speech handicapped children. Spring (10:30 T.Th.), alternate years, 1970.
- 143 **SHAKESPEARE**  
(See Literature.)
- 173 **WORKSHOP ON SPEECH IMPROVEMENT**  
(See Education.)
- 301 **INDEPENDENT STUDY IN SPEECH AND DRAMA** 1-3 Hrs.  
(See regulations governing independent study.)

**Journalism**

- 1, 2 **REPORTING PRACTICE** 1 Hr.  
Practical experience in gathering and writing campus

news by reporting for the school paper each week. Prerequisite: Ability to type. By appointment. Per term

- 4 **REPORTING** 3 Hrs.  
Fundamental principles of gathering and writing news, practice in reporting on the campus. Two class hours and additional work on the campus news paper. Spring (6:30 T. eve.).
- 5 **INTRODUCTION TO JOURNALISM** 3 Hrs.  
Introduction to contemporary journalism media and methods through assigned reading, classroom presentations, field trips to news media, and some laboratory experiences in reporting and editing on campus publications. (Interterm.)
- 6 **EDITING** 3 Hrs.  
The responsibility of editors in journalism processes with emphasis on copyediting, headline writing, proof reading, photography, and layouts. Fall (6:30 T. eve.).
- 7 2 **EDITORIAL PRACTICE** 1 Hr.  
Practical editorial experiences for the managing editor and the editor-in-chief of the college newspaper. By appointment. Per term

**FOREIGN LANGUAGES**

Students with previous language training are required to take the advanced placement examinations. A student may enter the language program at whatever level his preparation permits.

*Requirements for Majors:*

- GERMAN**—A minimum of 26 semester hours including 51, 54, 37, 38, 135, 136, and 158.\*
- SPANISH**—A minimum of 26 semester hours including 83, 84, 87, 88, 185, 186, and 188.\*

*Required supporting courses for each major:* Linguistics 32, 134, and three hours of credit in "Background of the Culture". This can be taken as part of the study abroad.

*\*A language major is expected to spend his junior year studying abroad in an approved program. The Brethren Colleges Abroad Program and the International Education Services of the Council of Mennonite Colleges are recommended (see BCA description as located in index). During this period at least three hours of credit in literature of the language and four hours of advanced composition must be completed. A satisfactory level of oral proficiency must be achieved. Under special circumstances this study*



can be done during the summer. The language instructors have a suggested program of studies which will help the beginning student to plan a sequence of courses meeting all requirements even though he will not be on campus during the junior year. Students with tuition scholarships may apply their junior year scholarship towards their senior year tuition up to 1/4 of the total tuition.

## FRENCH

- 41-42 **ELEMENTARY FRENCH** 5 Hrs.  
Acquisition of the four skills: hearing, speaking, reading, and writing. French cultural aspects are an integral part of all French courses. Five hours of class and six 1/2-hour laboratory sessions. Year (M.T.W.Th.F. 12:30 and 1:30). Per term
- 43-44 **READING AND CONVERSATION IN FRENCH** 3 Hrs.  
Review of elementary French structure, readings, oral practice and conversation. Three hours of class

## AREAS AND COURSES OF STUDY

- and three 1/2-hour laboratory sessions. Prerequisite: French 42. Year (M.W.F. 10:30). Per term
- 47-48 **FRENCH COMPOSITION** 2 Hrs.  
Composition of sentences, paragraphs, letters, stories, and essays. Prerequisite: French 42. Year (T.Th. 10:30). Per term
- 145 **SURVEY COURSE OF FRENCH LITERATURE** 3 Hrs.  
A course dealing with French literature from the Middle Ages to 1800 placed in its historical and cultural context. Prerequisite: French 44. Fall (T.Th. 7:30).
- 146 **SURVEY COURSE OF FRENCH LITERATURE** 3 Hrs.  
French literature from 1800 to the present placed in its historical and cultural context. Prerequisite: French 44. Spring (T.Th. 7:30).
- 148 **FRENCH SEMINAR** 3 Hrs.  
Topic is selected according to the interests of the students. Prerequisite: Junior Year Abroad or consent of Instructor. By Appointment.
- 154 **STRUCTURE OF FRENCH** 3 Hrs.  
(See *Linguistics 134.*)

## GERMAN

- 51-48 **ELEMENTARY GERMAN** 5 Hrs.  
Acquisition of the four skills: hearing, speaking, reading, and writing. German cultural aspects are an integral part of all German courses. Five hours of class and six 1/2-hour laboratory sessions. Year M.T.W.Th.F. 12:30 and 1:30. Per term
- 53-44 **READING AND CONVERSATION IN GERMAN** 3 Hrs.  
Review of elementary German structures, readings, oral practice and conversation. Three hours of class and three 1/2-hour laboratory sessions. Prerequisite: German 52. Year (M.W.F. 10:30). Per term
- 57-48 **GERMAN COMPOSITION** 2 Hrs.  
Composition of sentences, paragraphs, letters, stories, and essays. Prerequisite: German 52. Year (T.Th. 10:30). Per term
- 150 **SURVEY COURSE IN GERMAN LITERATURE** 3 Hrs.  
A course dealing with German literature from 1740 to 1900 placed in its historical and cultural context. Prerequisite: German 54. Fall (T.Th. 7:30).

McPHERSON COLLEGE

- 156 **SURVEY COURSE IN GERMAN LITERATURE** 3 Hrs.  
German literature from 1900 to the present placed in its historical and cultural context. Prerequisite: German 44. Spring (T.Th. 7-30).
- 158 **GERMAN SEMINAR** 3 Hrs.  
Topic is selected according to the interests of the students. Prerequisite: Junior Year Abroad or consent of instructor. By appointment.
- 184 **STRUCTURE OF GERMAN** 3 Hrs.  
(See *Linguistics 134.*)

NOTE: German 53, 54, 57, and 58 are required for all German majors and recommended for any student planning a Junior Year Abroad in Germany.

**GREEK**

- 91-92 **INTRODUCTION TO HELLENISTIC GREEK** 3 Hrs.  
This is the type of Greek which was the common language of the lands around the eastern Mediterranean after the conquests of Alexander the Great and during the time of the Roman Empire. This course will cover basic grammar and will include vocabulary and reading exercises preparatory to reading the Greek New Testament. Not open to Freshman except by special consent of the instructor, alternate years. Offered 1970-71. Year (M.W.F. 3-30). Per term

- 101-102 **READING IN HELLENISTIC GREEK** 3 Hrs.  
Portions of the Greek New Testament will be read, progressing gradually from easier to more difficult material. Further grammatical information and vocabulary will be introduced. At the option of the class, selections from the Greek Old Testament or from other Christian and non-Christian Hellenistic Greek writings may also be read. Prerequisite: Greek 92, alternate years. Offered 1969-70. Year (M.W.F. 3-30). Per term

**SPANISH**

- 81-82 **ELEMENTARY SPANISH** 6 Hrs.  
Acquisition of the four skills: hearing, speaking, reading, and writing. Latin American and Spanish cultural aspects are an integral part of all Spanish courses. Five hours of class and six 1/2-hour laboratory sessions. Year (M.T.W.Th.F. 12:30 and 1:30). Per term

- 83-84 **READING AND CONVERSATION IN SPANISH** 8 Hrs.  
Review of elementary Spanish structure, readings, oral practice and conversation. Three hours of class and three 1/2-hour laboratory sessions. Year (M.W.F. 10:30). Per term

- 87-88 **SPANISH COMPOSITION** 2 Hrs.  
Composition of sentences, paragraphs, letters, stories, and essays. Prerequisite: Spanish 82. Year (T.Th. 10:30). Per term

- 185 **SURVEY COURSE OF SPANISH LITERATURE** 3 Hrs.  
From *El Cid* to the present time. Intensive reading of representative works placed in their historical and cultural context. Prerequisite: Spanish 84. Fall (T.Th. 2:30).

- 186 **SURVEY COURSE OF LATIN AMERICAN LITERATURE** 3 Hrs.  
Representative readings from the journals of the earliest Spanish explorers to contemporary authors. Prerequisite: Spanish 84. Spring (T.Th. 2:30).

- 168 **SPANISH SEMINAR** 3 Hrs.  
Topic is selected according to the interests of the students. Prerequisite: Junior Year Abroad or consent of the instructor. By appointment.

- 134 **STRUCTURE OF SPANISH** 3 Hrs.  
(See *Linguistics 134.*)

- 198 **INTERTERM IN MEXICO** 4 Hrs.  
Four weeks of study in Mexico to increase the fluency of Spanish students and to enrich their knowledge of the culture of a Spanish-speaking country. Prerequisite: 2 years of high school or one year of college Spanish or current enrollment in a Spanish course at an ACCC college.

NOTE: Spanish 83, 84, 87, and 88 are required for all Spanish majors and recommended for any student planning a Junior Year Abroad in a Spanish speaking country.

**LINGUISTICS**

The courses in Linguistics are designed to introduce students to methods of analysis and comparison of languages. Any educated man benefits from a better understanding of the structure and development of language. Students who expect to be scholars and teachers of anthropology, folklore, library science, literature, or philosophy will find a background in linguistics invaluable. Students planning to teach English or foreign languages will discover that more and more texts are based on a linguistic approach.

## AREAS AND COURSES OF STUDY

and will find a basic understanding of Linguistics a necessity.

31. **THE NATURE OF LANGUAGE** 3 Hrs.  
A study of the characteristics of language and of language diversity, including sounds, structure, symbolic nature, relation to culture and linguistic change. Spring (T.Th. 10:30) (M.W.F. 11:30).
- 32, 132 **LINGUISTICS** 3 Hrs.  
Continuation of Linguistics 31. Further study of the basic linguistic concepts: phonetics, phonemics, morphology and syntax. Discussion of linguistics and related fields and the use of linguistics. Partial analysis of a language unfamiliar to all students. Prerequisite: Linguistics 31. Fall (T.Th. 10:30).
- 134 **STRUCTURE OF THE LANGUAGE** 3 Hrs.  
The systematic analysis of the phonology, morphology and syntax of French, German, or Spanish from the standpoint of structure, historical and contrastive linguistics. Arranged by appointment with major instructor or interterm. Prerequisite: Linguistics 32 or consent of the instructor.
- 130 **METHODOLOGY OF FOREIGN LANGUAGE TEACHING** 3 Hrs.  
Methods of teaching the language based on a contrastive study of the structures of English and the foreign language. Extensive outside reading, reports on textbooks, discussion of various teaching aids and media. Interterm.

## MUSIC

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

- 16 hours Major Applied area, including a full graduation recital
- 13 hours Music Theory
- 4 hours Piano for the non-piano major
- 6 hours Music History
- 2 hours Music Ensemble
- 3 hours Electives in music
- 44 hours total minimum

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

- VOICE-CHORAL EMPHASIS**
- 14 hours Voice
  - 16 hours Music Theory
  - 4 hours Piano and the passing of the piano proficiency examination



- 6 hours Music History
- 3 hours Conducting
- 3 hours Public School Music Methods
- 4 hours Instrumental Methods
- 4 hours Applied Elective
- 3 hours Choral Techniques
- 3 hours Choral Arranging
- 2 hours Vocal Ensemble
- 1 hour Instrumental Ensemble

62 hours total minimum

### BAND-ORCHESTRA EMPHASIS

- 14 hours Major Applied Instrument
- 16 hours Music Theory
- 4 hours Piano and the passing of the piano proficiency examination
- 6 hours Music History
- 3 hours Conducting
- 3 hours Public School Music Methods
- 8 hours Instrumental Methods
- 2 hours Applied Elective
- 2 hours Voice
- 1 hour Instrumentation



## M. PHERSON COLLEGE

- 2 hours Instrumental Ensemble
- 1 hour Vocal Ensemble

62 hours total minimum

### KEYBOARD-BAND-ORCHESTRA EMPHASIS

- 14 hours Piano and/or Organ
- 16 hours Music Theory
- 6 hours Music History
- 3 hours Conducting
- 3 hours Public School Music Methods
- 6 hours Instrumental Methods
- 8 hours Applied Second Instrument
- 2 hours Voice
- 2 hours Instrumental Ensemble
- 1 hour Vocal Ensemble
- 1 hour Instrumentation

62 hours total minimum

### KEYBOARD-VOICE-CHORAL EMPHASIS

- 14 hours Piano and/or Organ
- 16 hours Music Theory
- 6 hours Music History
- 3 hours Conducting
- 3 hours Public School Music Methods
- 4 hours Instrumental Methods
- 8 hours Voice
- 3 hours Choral Techniques
- 3 hours Vocal Ensemble
- 1 hour Instrumental Ensemble
- 1 hour Choral Arranging

62 hours total minimum

The 14-hour Major Applied requirement for the B.S. degree in Music Education may be modified by the Music Faculty in special cases.

A half graduation recital is required for the B.S. degree in Music Education. The course in Counterpoint is recommended as an elective.

**General Music Requirements:** APPLIED MUSIC—All music majors should be enrolled in some area of applied music study during each term of college.

**Recitals**—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.

**Piano Proficiency Examination**—Because the piano serves as a fundamental music instrument, all music majors are required to take at least one year of piano and to pass the piano proficiency test before graduation. This examination will be given three times a year: at the beginning of the

fall and spring terms and at the end of the spring term. The faculty committee which will administer the examination will consist of the head of the music department, a member of the piano faculty, and at least one other music faculty member. The proficiency examination will consist of:

1. performance of a prepared piano solo;
2. improvisation of an accompaniment to a given melody;
3. performance of several common patriotic and community songs;
4. major and minor scales;
5. sight-reading of hymn, simple chorale, or chordal accompaniment.

### Applied Music

**NOTE:** In order to qualify for upper level credit in any applied music the student must have studied at the college level for three terms and display an advanced proficiency.

#### 48, 48 CLASS PIANO

1 Hr.

A beginning course in piano playing, designed especially for the non-music major. The year (10:30 AM) Offered on demand Per term



## AREAS AND COURSES OF STUDY

54. 131 **PIANO** 2 Hrs.  
 (One lesson weekly. By appointment) Per term
25. 152 **VOICE** 2 Hrs.  
 (One lesson weekly) By appointment Prerequisite:  
 Beginning Voice Class or consent of the instructor  
 Per term

*NOTE: 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.*

55. 133 **PIPE ORGAN** 2 Hrs.  
 One lesson weekly. By appointment. Prerequisite:  
 Adequate piano ability, determined by conference  
 with the organ instructor. Per term

54. 144 **BRASS** 3 Hrs.  
 One lesson weekly. By appointment. Per term  
*NOTE: When enrolling indicate specific instrument.*

55. 155 **WOODWINDS** 2 Hrs.  
 One lesson weekly. By appointment. Per term  
*NOTE: When enrolling indicate specific instrument.*

58. 156 **STRINGS** 2 Hrs.  
 One lesson weekly. By appointment. Per term  
*NOTE: When enrolling indicate specific instrument.*

57. 157 **PERCUSSION** 2 Hrs.  
 One lesson weekly. By appointment. Per term  
*NOTE: When enrolling indicate specific instrument.*

- 161 **PIANO METHODS AND MATERIALS** 2 Hrs.  
 A review of both the established and new piano  
 teaching materials, methods and techniques along  
 with a survey of the standard piano literature. Pre-  
 requisite: two years of piano study. Spring. By  
 appointment.

- 163 **ORGAN METHODS AND MATERIALS** 1-2 Hrs.  
 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.

### History of Music

- 70 **MUSIC APPRECIATION** 3 Hrs.  
 A non-technical course designed to establish a foun-  
 dation in the enjoyment and appreciation of music

through recordings and outside reading. Spring (8:30  
 M.W.F.). Interterm

- 72 **MUSIC TO 1750** 3 Hrs.  
 A course designed to acquaint the student with the  
 evolution of musical style, commencing with early  
 Christian monody and concluding with music of the  
 Baroque era. Attention is given to social changes  
 affecting the course of musical history. Prerequisite:  
 consent of instructor. Fall (2:30 T.Th.), alternate  
 years, 1970.

- 76 **CHURCH MUSIC** 2 Hrs.  
 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. Fall  
 and Spring (8:30 M.W.) Offered on demand

- 173 **MUSIC FROM 1750** 3 Hrs.  
 A course designed to acquaint the student with evo-  
 lutionary trends in musical history from the Man-  
 heim School to the most recent innovations in musical  
 composition. Special attention is given to the pat-  
 terns of social change affecting the course of musical  
 history. Prerequisite: consent of instructor. Spring  
 (3:30 T.Th.), alternate years, 1971

- 176 **THEORY AND PRACTICE OF  
 CHURCH MUSIC** 2 Hrs.  
 A general survey of the history, theory, and practice  
 of sacred music, with special consideration given  
 to the practical aspects of church music leadership.  
 Fall and Spring (8:30 M.W.). Offered on demand

### Music Education

- 74 **MUSIC IN THE ELEMENTARY SCHOOL** 3 Hrs.  
 Emphasis is placed upon effective methods for teach-  
 ing elementary school children. The philosophy and  
 purposes of elementary school music are stressed.  
 Students are given opportunities to review materials  
 and to observe music classes in the elementary schools  
 at each grade level. Prerequisite: the ability to read  
 music. Fall (9:30 M.W.F.).

- 75 **FUNDAMENTALS OF CONDUCTING** 3 Hrs.  
 The study and practice of the fundamental techniques  
 of conducting as applied to song leading, choral and  
 instrumental directing. Fall (10:30 M.W.F.), al-  
 ternate years, 1969.

- 78 **INSTRUMENTAL METHODS: BRASS** 3 Hrs.  
 An introductory study of the techniques of playing  
 and teaching brass instruments at the public school  
 level, with emphasis on a practical knowledge of  
 materials, fingerings, tone production, and care of

## MCPHERSON COLLEGE

- brass instruments. Spring (10:30 T.Th.), alternate years, 1970
- 81 **INSTRUMENTAL METHODS: WOODWINDS** 2 Hrs.  
An introductory study of the techniques of playing and teaching woodwind instruments at the public school level, with emphasis on a practical knowledge of materials, fingerings, tone production, and care of woodwind instruments. Spring (10:30 T.Th.), alternate years, 1971.
- 82 **INSTRUMENTAL METHODS: STRINGS** 2 Hrs.  
An introductory study of the violin, viola, cello, and string bass with emphasis on the teaching of beginners in the public school. Fall (10:30 T.Th.), alternate years, 1970.
- 83 **INSTRUMENTAL METHODS: PERCUSSION AND BAND** 2 Hrs.  
An introductory study of the techniques of playing and teaching the snare drum, bass drum, cymbals, timpani, and the percussion traps. Techniques and materials for marching and concert band will also be investigated. Fall (10:30 T.Th.), alternate years, 1969.
- 104 **PUBLIC SCHOOL MUSIC METHODS** 3 Hrs.  
(See Education.)
- 106 **CHORAL TECHNIQUES AND REPERTOIRE** 3 Hrs.  
A study of the basic technical aspects of organizing and conducting choral groups, along with the review of repertoire suitable for school and church choirs. Prerequisite: Fundamentals of Conducting. By appointment.
- 109 **PROBLEMS IN MUSIC** 1-3 Hrs.  
Advanced study of special topics in the field of music. Prerequisite: Consent of the instructor. By appointment.

### Theory of Music

- 11-13 **MUSIC THEORY** 5 Hrs.  
A course in the materials and elements of music, including scales, intervals, part writing, sight singing, ear training, and dictation. The year (10:30 M-F). Per term
- 14-16 **MUSIC THEORY** 3 Hrs.  
Continued work in music theory including transitions, modulations, altered chords, advanced sight singing, ear training, and harmonic dictation. Prerequisite: Music Theory 13. The year (1:30 M.W.F.). Per term

- 104 **COUNTERPOINT** 3 Hrs.  
A study of contrapuntal techniques in composition and analysis of the elements of structure, form, and design in music. Prerequisite: Music Theory 15. Spring (2:30 M.W.F.), alternate years, 1970.
- 119 **CHORAL ARRANGING** 1-3 Hrs.  
The study and practice of the methods and techniques of arranging and scoring for vocal ensembles, glee club, or chorus, with reference to manuscript preparation and editing. Prerequisite: Music Theory 15. By appointment.
- 120 **INSTRUMENTATION** 1-3 Hrs.  
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. By appointment. Per term

### Organizations and Ensembles

*Musical Organizations and Ensembles* Ensemble credit may be secured in the following organizations: A Cappella Choir, Chamber Choir, Band, Orchestra, Small Instrumental and Vocal 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 term 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 reconsidered for membership in the new organizations. The questionnaires may be secured from the Registrar's Office or from the Music Department during enrollment week in the fall term. They should be filled out carefully and turned in to the respective ensemble directors by the end of the first week of school.

- 01 **A CAPPELLA CHOIR** 1 Hr.  
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. Students must be enrolled in at least 12 hours of school work to be eligible for membership in the A Cappella Choir. Members are expected to maintain their eligibility.

## AREAS AND COURSES OF STUDY

throughout both terms of the school year. The year (3:30 M.W.F.). Per year

- 92 **BAND** 1 Hr.  
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 (4-30 M.W.F.). Per year

- 91 **CHAMBER CHOIR** ½ Hr.  
The Chamber Choir is made up of the overflow of singers who cannot be used in the limited ranks of the A Cappella Choir, or who do not have time for the more ambitious schedule of choral activities. It is open to qualified singers upon application to the director. Occasionally, the Chamber Choir and A Cappella Choir join in the performance of many choral works and special musical productions. The year (3:30 T.Th.). Per year

- 95 **ORCHESTRA** 1 Hr.  
The ACCK Symphony 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 (Sat, 9:00 a.m.). Per year

- 97 **SMALL INSTRUMENTAL ENSEMBLES** 1 Hr.  
String, brass, or woodwind ensembles organized by tryouts and according to interest and available talent. By appointment. Per year

- 98 **SMALL VOCAL ENSEMBLES** 1 Hr.  
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 talent available. Per year

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

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, 37 or 40, 153 or 154, 157, 158. Courses 27, 28, 52, 91-92, 101-102, 152 cannot be counted in this twenty-four hour minimum.



Other courses will be chosen by the student in consultation with a professor in the department.

### Philosophy

- 37 **INTRODUCTION TO PHILOSOPHY** 3 Hrs.  
A course designed to introduce the student to the nature of philosophical thinking. Some of the traditional problems in the history of thought will be considered and an effort will be made to view various alternative methods of solving these problems. Spring 18:30 M.W.F., 1:30 M.W.F.
- 40 **LOGIC** 3 Hrs.  
A study of the principles and procedures of sound

MCPHERSON COLLEGE

reasoning as developed in both traditional and contemporary thought. The basic emphasis in the course will be on the development of the ability to analyze the logical structure of arguments as a useful skill. Fall (8:30 M.W.F.; 1:30 M.W.F.).

- 136 **LANGUAGE AND THOUGHT** 3 Hrs.  
(See *Speech and Drama.*)
- 187 **GREEK AND MEDIEVAL PHILOSOPHY** 3 Hrs.  
A critical study of philosophical thought from the pre-Socratic philosophers to William of Occam. Special emphasis will be placed upon the works of Plato, Aristotle, Augustine, and Aquinas. Fall (2:30 M.W.F.).
- 158 **EARLY MODERN PHILOSOPHY** 3 Hrs.  
A critical study of some of the leading figures in the Western philosophical tradition from the sixteenth to the early nineteenth centuries. The course will include the reading of selections from the works of Bacon, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, and Hegel. Spring (2:30 M.W.F.).
- 163 **CONTEMPORARY PHILOSOPHY** 3 Hrs.  
A study of representative philosophers from the nineteenth and twentieth centuries. The course will use primary source materials in order to give the student a first-hand acquaintance with the men studied. Emphasis will be placed on evaluation of ideas as well as clarity of understanding. The men studied will vary from year to year. Topic for 1968-69: Hegel, Marx, Nietzsche, Husserl, Peirce, Bergson. Spring (1:30 T.Th.), alternate years, 1971.
- 186 **PROBLEMS OF KNOWLEDGE** 3 Hrs.  
This course will be a study in depth of some aspect of the foundations for knowing. An attempt will be made to show what knowledge means in a given area of experience such as art, science, religion, or history. The study will proceed topically and will be concerned with such questions as the object of knowledge, the method of knowing, the purpose of knowing, and the limits of a particular method. The areas of study will vary from year to year. Topic for 1969-70: philosophy of history. Spring (1:30 T.Th.), alternate years, 1970.

**Bible**

- 31 **OLD TESTAMENT LIFE AND LITERATURE** 3 Hrs.  
A survey of the history, literature and religion of ancient Israel using selected portions of the Old Testament as primary sources. The course will intro-

duce students to the methods and results of modern critical scholarship and will encourage the development of independent judgments concerning the religious value of the Old Testament. Fall (10:30 M.W.F.; 1:30 M.W.F.).

- 22 **NEW TESTAMENT LIFE AND LITERATURE** 3 Hrs.  
A survey of the history, literature and religious thought of early Christianity using the New Testament as a primary source. The course will introduce students in the methods and results of modern critical scholarship and will encourage the development of independent judgments concerning the religious value of the New Testament. Spring (10:30 M.W.F.; 1:30 M.W.F.).
- 91-92 **INTRODUCTION TO HELLENISTIC GREEK** 3 Hrs.  
(See *Foreign Languages.*) Per term
- 101-102 **READINGS IN HELLENISTIC GREEK** 3 Hrs.  
(See *Foreign Languages.*) Per term
- 186 **PROPHETS OF THE OLD TESTAMENT** 3 Hrs.  
A study of the prophetic movement and literature of ancient Israel using the prophetic books of the Old Testament as primary sources. The course will deal with these books in terms of modern critical scholarship and will include a consideration of such problems as the psychological and religious experiences of the prophets, their social and political views, and their religious and ethical thought. Spring (3:00 T.Th.), alternate years, 1971.
- 111 **LIFE AND TEACHINGS OF JESUS** 3 Hrs.  
A study of the life, teachings, and religious significance of Jesus as set forth in the four gospels. The course will also consider the historical setting, literary structure, and distinctive emphasis of each gospel as understood in the light of modern biblical scholarship. Varying from year to year, one of the gospels or some other special topic may be selected for study in depth. Fall (8:30 M.W.F.), alternate years, 1969.
- 116 **LIFE AND THOUGHT OF PAUL** 3 Hrs.  
A study of the life of Paul and his interpretation of the Christian faith using his letters and the book of Acts as primary sources. The major themes of Paul's thought will be studied against the historical and religious background of early Christianity, Judaism and the Graeco-Roman world as seen in the light of modern biblical scholarship. Varying from year to year, one or more of Paul's letters or some other

## AREAS AND COURSES OF STUDY

special topic may be selected for study in depth Fall (8:30 M.W.F.), alternate years, 1970.

- 113 **PSALMS AND WISDOM LITERATURE** 3 Hrs.  
A study of ancient Israelite thought and religious faith using the Old Testament books of Psalms, Proverbs, Job, Ecclesiastes, and the Song of Solomon as primary sources. The course will treat these books in the light of modern critical scholarship in order to discover their function in the cultural and religious life of ancient Israel and to evaluate their enduring literary and religious significance. Spring 1:30 T.Th., alternate years, 1970.

### Religion

- 114 **BRETHREN HISTORY AND THOUGHT** 3 Hrs.  
A study of the origin and history of the Brethren including a treatment of their traditional beliefs and practices and the major contemporary issues confronting them. Spring (8:30 M.W.F.), alternate years, 1971.

- 111 **WORLD RELIGIONS** 3 Hrs.  
A critical survey of the major non-Western religions of the world such as Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism and Islam in an attempt to understand the distinctive character of each and their possible contributions to our own thought patterns.

- 113 **EARLY CHRISTIAN THOUGHT** 3 Hrs.  
A critical study of selected classics of Christian thought from such men as Origen, Augustine, Anselm, Aquinas, Luther and Calvin. This will be a discussion type course based entirely upon the reading of primary sources. Students will be encouraged to discover and evaluate for themselves the major ideas and concepts of the writings selected. Fall (3:00 T.Th.), alternate years, 1969.

- 114 **MODERN CHRISTIAN THOUGHT** 3 Hrs.  
A critical study of selected classics of Christian thought from the eighteenth century to the present from such men as Kant, Schleiermacher, Kierkegaard, Barth, Bultmann, Tillich, Bonhoeffer, or others varying from year to year. This will be a discussion course based entirely upon the reading of primary sources. Students will be encouraged to discover and evaluate for themselves the major ideas and concepts of the writings selected. Fall (3:00 T.Th.), alternate years, 1970.

### Christian Education and Ministry

- 117 **CHRISTIAN EDUCATION OF CHILDREN** 2 Hrs.  
A course dealing with the theory and methods of working with children in the church. Spring (Evening), alternate years, 1970.

- 118 **CHRISTIAN EDUCATION OF YOUTH AND ADULTS** 2 Hrs.  
A study of ways of communicating the Christian faith to youth and adults. This course includes all areas of the church's educational program for these age groups. Spring (Evening), alternate years, 1971.

- 115, 112 **THE CHRISTIAN MINISTRY** 1 Hr.  
A seminar type course designed to introduce students to the nature and work of the Christian ministry. Students will be encouraged to explore the meaning of ministry as a vocation and the diverse forms of ministry which are emerging in the contemporary world. On demand (by appointment).

### Unclassified

- 116 **SEMINAR ON RELIGION AND SCIENCE** 1 Hr.  
Reading and discussion aimed at comparing and relating the concepts and methods of natural science with those of religion. Conducted by a group of faculty members representing both the department of philosophy and religion and the natural sciences area. Enrollment by permission of the instructor. On demand (by appointment).

- 118, 110 **PROBLEMS IN PHILOSOPHY OR RELIGION** 1-3 Hrs.  
Advanced study of special topics in philosophy or religion. Prerequisite: 12 hours in philosophy and religion, a cumulative grade-point average of 3.0 or above, and consent of the instructor. On demand (by appointment).

### Greek

- 111-112 **INTRODUCTION TO HELLENISTIC GREEK** 3 Hrs.  
This is the type of Greek which was the common language of the lands around the eastern Mediterranean after the conquests of Alexander the Great and during the time of the Roman Empire. This course will cover basic grammar and will include vocabulary and reading exercises preparatory to reading the Greek New Testament. Not open to

McPHERSON COLLEGE

Freshman except by consent of the instructor The year (M.W.F., 3:30), alternate years, 1969-70

Per term

101-105 READING IN HELLENISTIC GREEK a 4-5 hrs. Portions of the Greek New Testament will be read, progressing gradually from easier to more difficult

material. Further grammatical information and vocabulary will be introduced. At the option of the class, selections from the Greek Old Testament or from other Christian and non-Christian Hellenistic Greek writings may also be read. Prerequisite: Greek 92. The year (M.W.F. 3:30), alternate years 1970-71.

Per term

NATURAL SCIENCES AREA . . .

BIOLOGY  
CHEMISTRY  
MATHEMATICS

PHYSICS  
SCIENCES—GENERAL

BIOLOGY

*Requirements for a major:* a minimum of twenty-four semester hours including either courses 1, 50, 52, 54 or 103, 116, 185 and 187, or courses 1, 60, 70 or 120, 112, 116, 183, and 187.

*Related supporting courses required:* Chemistry 11, either Chemistry 54 or 111, and Physics 3 and 4.

**NOTE:** *Biology 1 is a prerequisite for all other courses in the Biology Department. However, students with outstanding backgrounds in biology as verified by tests administered by the department will be allowed to proceed directly to more advanced courses without enrollment in Biology 1.*

- 1 **GENERAL BIOLOGY** 4 Hrs.  
An introduction to the major fields of study of which modern biology is composed. Strong emphasis is placed upon the principles which lead to an understanding of the world of life. Three class hours and two hours laboratory. Fall (7:30 M.W.F., 8:30 M.W.F.)
- 2 **HUMAN BIOLOGY** 4 Hrs.  
An introductory study of human anatomy, physiology, reproduction, growth, development and heredity as well as consideration of human races and basic human ecology. Human physiology receives special emphasis. This course is not open to students who have taken or plan to take Biology 52. Three class hours and two hours laboratory. Spring (10:30 M.W.F.), Interterm.
- 3 **GENERAL BOTANY** 4 Hrs.  
The structure, physiology, development and evolu-

tion of plants. Representatives of each division of the plant kingdom are studied but emphasis is placed on the seed plants. A course designed for students not majoring in biology. Three class hours and three hours laboratory. Spring (10:30 T.Th. Laboratory 1:30 M.)

- 10 **HONORS READING IN GENERAL BIOLOGY** 1 Hr.  
Advanced readings and discussions for selected students enrolled concurrently in Biology 1. The course is open only to those chosen by the instructors on the basis of high school work in biology, college entrance examination scores or special test. Fall (2:00 Th.).
- 34 **MICROBIOLOGY** 4 Hrs.  
A study of microorganisms, with emphasis on the bacteria. A consideration of their structure, metabolism, classification, identification and relationship to man. Three class hours and three hours laboratory. Prerequisite: Chemistry 11 or consent of the instructor. Fall (9:30 M.W.F., Laboratory 12:30 W.).
- 60 **VERTEBRATE STRUCTURE AND EVOLUTION** 5 Hrs.  
Evolutionary processes and mechanisms and the methods and principles of classification are considered in association with a comparative study of the structure, classification and aspects of the general biology of the vertebrates. The origin of vertebrate diversity through evolutionary processes is emphasized. Three class hours and six hours of laboratory. Fall (7:30 T.Th., Laboratory 1:30-1:20 M.W.F.)

## AREAS AND COURSES OF STUDY

- 57 VERTEBRATE PHYSIOLOGY 4 Hrs.**  
A study of the physiology of the systems, organs and tissues of the vertebrate body. Vertebrate anatomy is involved only to the extent necessary to deal with the structural basis for function. This course is not open to students who have taken Biology 2. Three class hours and three hours of laboratory. Prerequisite: Chemistry 11 or consent of instructor. Spring (7:30 M.W.F., Laboratory 1:30-4:20 W. or Th.).
- 55, 105 INVERTEBRATE ZOOLOGY 4 Hrs.**  
A comparative study of the invertebrate phyla, including their anatomy, physiology, reproduction and development, ecology and classification. Three class hours and three hours laboratory. Spring (9:30 M.W.F.), alternate years, 1971.
- 60 PLANT PHYSIOLOGY 4 Hrs.**  
The physiological processes of plants. Principles of absorption, conduction, transpiration, growth and reproduction. Prerequisite: Chemistry 11, or consent of instructor. Three class hours and three hours laboratory. Spring (7:30 M.W.F., Laboratory 1:30-4:20 W.).
- 70, 120 NONVASCULAR PLANTS 4 Hrs.**  
The morphology, development, reproduction and evolution of nonvascular plants. Emphasis is on the algae, fungi and bryophytes. Three class hours and three hours laboratory. Field trips required. Spring (7:30 T.Th., Laboratory 1:30-4:20 F.), alternate years, 1970.
- 100 ANIMAL DEVELOPMENT 4 Hrs.**  
A study of the processes and patterns associated with animal reproduction and development. The course introduces the student to basic descriptive embryology, comparative embryology and experimental embryology. Two class hours and six hours of laboratory. Fall (10:30 T.Th., Laboratory 1:30-4:20 T.), alternate years, 1969.
- 112 PLANT ANATOMY AND DEVELOPMENT 4 Hrs.**  
A developmental study of the anatomy and reproduction in vascular plants, with emphasis on the seed plants. Internal and external factors influencing development will be considered. Two class hours and six hours laboratory. Spring (7:30 T.Th., Laboratory 1:30-4:20 F.), alternate years, 1971; Inter-term.
- 116 ECOLOGY 4 Hrs.**  
A study of the relationships between organisms and their environments, including both physical and biotic environments. The course includes both lab-



- oratory and field work. Three class hours and three hours laboratory. Spring (9:30 M.W.F., Laboratory or field trips, 1:30-4:20 T., continuing later for same field trips), alternate years, 1970.
- 165 CELL BIOLOGY 4 Hrs.**  
A study of cell structure and function. The course includes topics in molecular biology, biochemistry and cell physiology. The laboratory consists of cytological observations and techniques and an introduction to molecular biological techniques. Two class hours and six hours laboratory. Fall (10:30 T.Th., Laboratory 1:30-4:20 T.), alternate years, 1970.
- 183 GENETICS 4 Hrs.**  
A study of the principles of heredity and the nature and action of genes. Three class hours and three hours laboratory. Fall (9:30 M.W.F., Laboratory 10:30 Th.).
- 187 SEMINAR IN BIOLOGY 1 Hr.**  
Presentation and discussion of advanced topics and current research trends. Students expecting to enroll in seminar in the spring must be in consultation



during the fall semester with the instructors about their plans and preparation for the seminar. Prerequisite: enrollees must be majoring in biology or must obtain the consent of the instructor. Spring enrollment, seminar meetings distributed throughout the year (7:00 p.m., M.)

- 100 **PROBLEMS IN BIOLOGY** 1-3 Hrs.  
Advanced study of special topics in biology. Prerequisite: consent of instructor. By appointment.

## CHEMISTRY

*Requirements for a major:* a minimum of twenty-four semester hours including courses 11, 12, 55, 56, 111 or 112, and others that seem desirable for the student's future plans. More than twenty-four hours are recommended for students planning on going on to graduate school.

*Related supporting courses required:* At least eight hours in Mathematics and eight hours in Physics.

*Recommended courses are:* Chemistry 152, 161 and 162, Physics 12) and Calculus.

Students with outstanding backgrounds in chemistry as verified by a test given by the department during enrollment may proceed to more advanced courses without enrollment in College Chemistry 11.

- 11 **COLLEGE CHEMISTRY** 4 Hrs.  
A study of the principles of chemistry, the periodic table and modern atomic structure, as a basis for the systematic study of the properties of the elements. Class sessions three hours, laboratory two hours. Fall (10:30 TTh), Laboratory one section (1:30-3:30 M., 3:30-5:30 M., 1:30-3:30 T., 3:30-5:30 T.).
- 12 **INORGANIC CHEMISTRY** 3 Hrs.  
A study of the chemistry of the metals and non-metals. This is a continuation of chemistry 11 and should be taken the same year, if possible. Most students should also enroll in chemistry 14 concurrently with chemistry 12. Three class hours. Spring (10:30 TTh).
- 14 **QUALITATIVE ANALYSIS** 3 Hrs.  
This is a companion course to Chemistry 12 and should be taken at the same time. A study of the theory and practice of qualitative analysis with emphasis on the theory of the mass law and chemical equilibrium. One class session, laboratory six hours. Spring (12:30 T.), Laboratory as arranged.
- 51 **ELECTROCHEMISTRY** 3 Hrs.  
A study of the principles of voltaic and galvanic

cells, electrolytic cells, electrolysis and electrodeposition. (Class session two hours. Prerequisite: Chemistry 11. Fall 10:30 TTh.)

- 54 **INTRODUCTORY ORGANIC CHEMISTRY** 4 Hrs.  
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 considered. (Class session three hours, laboratory two hours. Prerequisite: Chemistry 11. Spring, 10:30 MWF.), Laboratory (3:30-5:20 M.).
- 56 **QUANTITATIVE ANALYSIS** 4 Hrs.  
A study of the principles and practice in gravimetric and volumetric analysis. (Class session two hours, laboratory six hours. Prerequisite: Chemistry 12. Fall 7:30 TTh., Laboratory 14:40 Th.)
- 58 **QUANTITATIVE ANALYSIS** 3 Hrs.  
A study of the principles and practice in volumetric, electrometric, colorimetric, and other methods of analysis. (Class session two hours, laboratory nine hours. Prerequisite: Chemistry 53. Spring 1:30 TTh.; Laboratory (1:10 TTh).)
- 111 **ORGANIC CHEMISTRY** 6 Hrs.  
A study of the most important groups of organic compounds, both aliphatic and aromatic. (Class session three hours, laboratory three hours. Prerequisite: Chemistry 12. Fall (8:30 MWF.), Laboratory (1:30-4:20 Th.), alternate years, 1970.)
- 112 **ORGANIC CHEMISTRY** 4 Hrs.  
Advanced study of the principles of organic chemistry with emphasis on the mechanisms of reactions and organic synthesis. (Class session three hours, laboratory three hours. Prerequisite: Chemistry 12 (or 54 and consent of instructor). Spring (11:30 MWF.), Laboratory 11:30-4:20 Th.), alternate year, 1971.)
- 132 **CHEMICAL PREPARATIONS** 1-3 Hrs.  
Laboratory work in the preparation of either inorganic or organic compounds suited to the student's need. Laboratory three or six hours. Prerequisite: courses in either organic or inorganic chemistry and the consent of the instructor. By appointment.
- 152 **ADVANCED INORGANIC CHEMISTRY** 3 Hrs.  
A study of inorganic chemistry with special attention given to the relation of atomic and molecular structures to the physical and chemical properties of the elements, chemistry of complexes and the less common elements. (Class session three hours. Prerequisite: Chemistry 12 and 54 or 55. Fall (10:30 MWF.), alternate years, 1970.)

AREAS AND COURSES OF STUDY

**161-162 PHYSICAL CHEMISTRY** 4 Hrs.  
 A study of the physical chemical properties of matter including thermodynamics, kinetic theory, electrochemistry, and other areas of physical chemistry. (Last session three hours, laboratory three hours. Prerequisite: thirteen hours of chemistry and Mathematics 51-52. The year (8:30 M.W.F.), alternate years, 1969-70. Per term

**168 PROBLEMS IN CHEMISTRY** 1-3 Hrs.  
 Advanced study of special topics in chemistry or undergraduate research. Prerequisite: senior standing and the consent of the instructor. By appointment

**MATHEMATICS**

*Requirements for a major* - a minimum of twenty-four semester hours from courses numbered 51 and above

*Related supporting courses* - A year of Physics (Physics 5A recommended) and a year of either Chemistry or Business and Business Administration.

Students who have an adequate background in algebra and trigonometry as verified by tests administered by the Matherson Mathematics Department may begin their study of mathematics with Analytic Geometry and Calculus I. Math 511 or perhaps further in the sequence.

**1 PRINCIPLES OF ARITHMETIC** 3 Hrs.  
 History, sets, relations, binary operations, and analysis of arithmetic computation. (A modern math course for elementary teachers. Not open to students with credit in algebra equivalent to Math 7). Fall (2:30 W.M.F.)

**3 ELEMENTARY ALGEBRA** 3 Hrs.  
 The algebra normally covered through the first semester in second year high school algebra. Factoring, linear equations, logarithms, exponents, and radicals. Prerequisite: 1 year H.S. Algebra. Inter-term.

**4 STRUCTURAL CONCEPTS** 3 Hrs.  
 Structure of the number system, modern topics in geometry, algebra, number theory, and logic. (A modern math course for all prospective elementary teachers). Prerequisite: Mathematics I or sufficient math background evidenced by transcript and/or tests. Spring (2:30 M.W.F.).

**7 ALGEBRA AND TRIGONOMETRY** 3 Hrs.  
 A study of elementary functions, their graphs and applications, including polynomials, rational and algebraic functions, exponential, logarithmic and trig

onometric functions; quadratic equations; systems of equations, the rudiments of plane analytic geometry, and arithmetic and geometric progressions. Prerequisite: Mathematics 3 or its equivalent. Fall (7:30 M.-F.), and Spring (10:30 M.-F.).

**51-52 ANALYTIC GEOMETRY AND CALCULUS I, II** 4 Hrs.  
 Functions, limits, graphs, differentiation and integration of algebraic and transcendental functions, applications, conic sections, and polar coordinates. Prerequisite: Mathematics 7. The year (12:30 M.Th.F.). Per term

**60, 100 FOUNDATIONS OF MATHEMATICS** 3 Hrs.  
 A study of set theory, logic, and the axiomatic method in mathematics. Prerequisite: Mathematics 51 or consent of instructor. Inter-term

**78 STATISTICS I** 3 Hrs.  
 Mathematical theory of probability, mathematical models, testing, hypotheses, frequency distribution, correlation, and regression. Terminology and basic theory will be stressed. This course is for students majoring in any field where statistics might be used. Fall (9:30 M.W.F.), alternate years, 1970. Prerequisite: Mathematics 3 or equivalent (more math recommended).

**91, 101 ANALYTIC GEOMETRY AND CALCULUS III** 4 Hrs.  
 Continuation of differentiation and integration. Infinite series, solid analytic geometry, partial differentiation, multiple integrals. Prerequisite: Mathematics 52. Fall (7:30 M.Th.F.).

**98, 150 DIFFERENTIAL EQUATIONS** 3 Hrs.  
 Methods of solving ordinary and partial differential equations with applications to problems of science. Prerequisite: Math 91 or 101. Spring (11:30 M.W.F.).

**103 COLLEGE GEOMETRY** 3 Hrs.  
 Foundations of plane and solid geometry with both metric and synthetic approach. Non-Euclidean geometries are studied. Prerequisite: MA 51. Fall (8:30 M.W.F.), alternate years, 1969.

**142 PROJECTIVE GEOMETRY** 3 Hrs.  
 Projective geometry in two and three dimensions. Prerequisite: Math 141. Spring (8:30 M.W.F.), alternate years, 1970.

**175 ALGEBRA I** 3 Hrs.  
 Theory of matrices and linear algebra. Prerequisite: Math 51. Fall (9:30 M.W.F.), alternate years, 1969

## McPHERSON COLLEGE

- 170 ALGEBRA II** 3 Hrs.  
General algebraic systems, groups, rings, and fields. Prerequisite: Math 175 or consent of instructor. Spring (9:30 M.W.F.), alternate years, 1970.
- 173 STATISTICS II** 5 Hrs.  
Continuation of Statistics I. Prerequisite: Statistics I and Mathematics 51. Spring (8:30 M.W.F.), alternate years, 1971.
- 181 ANALYSIS** 4 Hrs.  
Calculus of functions of one and of several variables, partial differentiation, integrals, and series. Prerequisite: Mathematics 96 or 130. Spring (7:30 M.T.Th.F.), alternate years, 1971.
- 188 PROBLEMS IN MATHEMATICS** 1-3 Hrs.  
Advanced study of special topics in mathematics. Prerequisite: consent of instructor. By appointment.

## PHYSICS

*Requirements for a major:* a minimum of twenty-four semester hours including 5, 6, 101, and 104.

*Related supporting courses:* Mathematics 31, 52, 104, 130, and 180 and Chemistry 11 and 12.

- 3 GENERAL PHYSICS** 4 Hrs.  
A study of physics from the viewpoint of the science major who will expect to use the ideas and concepts but will not work directly in the field of physics. The subject matter studied will be mechanics, heat, and optics with emphasis on conservation laws, symmetry, concept development and the use of algebra and trigonometry to formulate and solve physics problems. Not open to students who have credit for Physics 3. Three class hours and one two-hour laboratory each week. Prerequisite: Mathematics 7. Fall (10:30 M.W.F., Lab Th. at 1:30 or 3:30 p.m. or F. at 7:30).
- 4 GENERAL PHYSICS** 4 Hrs.  
A continuation of Physics 3. The subjects studied are electricity and magnetism, quantum mechanics, and atomic physics. Not open to students who have credit for Physics 6. Three class hours and one two-hour laboratory session each week. Prerequisite: Physics 3. Spring (10:30 M.W.F., Lab at 1:30 or 3:30 on Th. or F. at 7:30).
- 6 INTRODUCTORY PHYSICS** 3 Hrs.  
A study of physics from the viewpoint of the pre-engineering, chemistry, or physics major. A study will be made of mechanics, heat and optics with

emphasis on conservation laws, symmetry, the development of concepts using calculus, and the formulation and solution of problems using calculus. Not open to students who have credit for Physics 3. Four class hours and one two-hour laboratory each week. Prerequisite or concurrent: Mathematics 71. Fall (10:30 M.T.W.Th., Lab arranged).

- 8 INTRODUCTORY PHYSICS** 5 Hrs.  
A continuation of Physics 5. The subjects studied are electricity and magnetism, quantum mechanics, and atom physics. Not open to students who have credit for Physics 4. Four class hours and one two-hour laboratory each week. Prerequisite: Physics 5. Prerequisite or concurrent: Mathematics 52. Spring (10:30 M.T.W.Th., Lab arranged).

*NOTE: Prerequisites for all the following courses except Physics 106, 110, and 189 are Mathematics 101 (can be concurrent) and Physics 6. Mathematics 130 is highly recommended. Prerequisite for Physics 106, 110, and 189 is Physics 4 or 6.*

- 101 MECHANICS** 3 Hrs.  
Analytical treatment of vectors, kinematics and dynamics of particles, force fields, and simple harmonic oscillators and modifications. Fall, alternate years, 1970. (M.W.F. 8:30).
- 102 OPTICS** 4 Hrs.  
Theory of geometrical and physical optics including thick lenses, types of mirrors, combinations of lenses and mirrors aberrations, optical systems, and an introduction to diffraction, interference, and polarization. Spring, alternate years, 1970. (M.T.Th.F. 12:30).
- 103 THERMODYNAMICS** 3 Hrs.  
A study of thermometry and temperature, the ideal gas laws, the first and second laws of thermodynamics and entropy. Fall, alternate years, 1969. (M.W.F. at 8:30).
- 104 ELECTRICITY AND MAGNETISM** 4 Hrs.  
Analytical treatment of vectors, a study of electric fields, potential, direct current, magnetic fields, alternating current, electromagnetic oscillations and electromagnetic waves. Fall, alternate years, 1969. (M.T.Th.F. at 12:30).
- 105 MODERN AND ATOMIC PHYSICS** 4 Hrs.  
A study of the special theory of relativity, particle waves, quantum mechanics, the hydrogen atom, complex atoms, molecules and crystal structure, the solid state, atomic nuclei, nuclear reactions, and elementary particles. Fall, alternate years, 1970. (M.T.Th.F. at 12:30).

AREAS AND COURSES OF STUDY

- 106 **ELECTRONICS** 4 Hrs.  
A study of detectors, regulators, oscillators, and amplifiers using vacuum tubes and semi-conductors with emphasis on measuring instruments used in research. Two class hours and six hours of laboratory each week. Spring semester. Lab arranged, alternate years, 1971 (T.Th. at 12:00).
- 110 **ADVANCED PHYSICAL LABORATORY** 2 Hrs.  
Independent work in the laboratory in the areas of courses 101 through 106 as apparatus and facilities are available. The student must complete four experiments per semester. Six hours per week. Repeatable to a maximum of eight hours. Time arranged. Fall and Spring.
- 152 **ASTRONOMY** 3 Hrs.  
(See Sciences—General.)
- 188 **PROBLEMS IN PHYSICS** 3 Hrs.  
Independent study in laboratory research, library research or problem solving. Repeatable to a maximum of six hours. Time arranged. Fall and Spring.

- Two hours. Fall and Spring (9:30 N.W.F.), Inter-term.
- 80 **INTRODUCTORY MINERALOGY** 2 Hrs.  
An elementary study of minerals, their composition, physical and chemical properties, crystalline structure, relationship to rocks, mode of origin, uses and classification. This is basically a laboratory oriented course. Prerequisite: Chemistry, Geology, Physical Science, or consent of instructor. Summer on demand.
- 104 **GEOLOGY** 8 Hrs.  
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. Class session three hours, laboratory one hour. Fall (7:25 Th evening), alternate years, 1969. Inter-term.
- 140 **CONSERVATION WORKSHOP**  
A workshop designed to acquaint the teacher with the necessary philosophy for the conservation of all of our natural resources. The participant will be exposed to background information, methods, and materials in this very important field.
- 152 **ASTRONOMY** 3 Hrs.  
A study of constellations, planets, meteors, and comets, size, composition, and motion of the sun and stars. Fall (7:30-9:50 Th eve) alternate years, 1970.
- 170 **METHODS OF TEACHING THE NATURAL SCIENCES** 2 Hrs.  
(See Education.)

SCIENCES—GENERAL

- 1 **PHYSICAL SCIENCE** 4 Hrs.  
A study of man's physical environment through the subject matter of astronomy, geology, physics, and chemistry, applications of the scientific method and the impact of science on man's culture. This course fulfills part of the science requirement for students not majoring in biology, physics, chemistry, or mathematics. Class session three hours, laboratory

SOCIAL SCIENCES AREA . . .

- ECONOMICS and BUSINESS ADMINISTRATION  
HISTORY PSYCHOLOGY  
POLITICAL SCIENCE SOCIOLOGY

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: 109, 110, 125, 126, 130, 151.

Major in this department who are preparing for a business career will normally qualify for the B.S. degree.

However, should a student wish to qualify for the A.B. degree, he may do so by meeting those general requirements specified by the College for the A.B. degree and by earning a minimum of 12 semester hours in the following courses: 109, 125, 126, 130, 140, 151, 199.

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.

McPHERSON COLLEGE

- 1 **ELEMENTARY ECONOMICS** (Microeconomics) 3 Hrs.  
The first semester of general economics deals with these major topics: basic economic concepts, business organization, labor and industrial relations, the economic role of government, national income and fluctuations, prices, and money and banking. No open to freshmen. Fall (9:30 M.W.F.).
- 2 **BASIC ECONOMICS** 3 Hrs.  
A study of our economic system, basic economic principles, institutions and problems; elementary economic analysis. Economic-business majors should take Economics 1, rather than this course. Not open to freshmen. Fall and Spring (1:30 M.W.F.); Internem.
- 4 **ELEMENTARY ECONOMICS** (Macroeconomics) 3 Hrs.  
The second semester of general economics covers the composition and pricing of national output, the distribution of income, pricing of productive factors, international trade and finance, and current economic problems. Spring (9:30 M.W.F.).
- 5-8 **ELEMENTARY ACCOUNTING** 3 Hrs.  
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 (8:30 M.W.F.; 9:30 M.W.F.).
- 15 **COST ACCOUNTING** 3 Hrs.  
A study of basic cost accounting for manufacturing firms, including discussion of inventories and unit costs and showing distribution and flow of costs through the process and job order cost systems. Prerequisite: Elementary Accounting. Fall (7:30 T.Th.), alternate years, 1970.
- 25 **DATA PROCESSING** 3 Hrs.  
An introduction to basic data processing principles and methods. Lecturers and laboratories (Use of the card punch, reproducer, collator, verifier, sorter, and the IBM 1401 computer. Includes planning, programming, writing and operation of various report preparation data processing units.
- 28 **COMPUTER PROGRAMMING I** 3 Hrs.  
An introduction to the electronic digital computer, systems, principals, and uses. Problem solving and coding using FORTRAN IV. Lectures and laboratories. Use of the IBM 1401. Problem solving in numerical and non-numerical situations. Prerequisite, high school algebra is helpful but not required. Internem and Spring.
- 180 **INTERMEDIATE ACCOUNTING** 3 Hrs.  
A study of accounting principles and procedures essential to the preparation of adequate financial statements with emphasis on the corporate form. Special attention is given to capital contributions, treasury stock, adjustments, and statements of surplus, income determination, cash, receivables, and inventory. Prerequisite: Elementary Accounting. Fall (7:30 T.Th.), alternate years, 1969.
- 186 **INTERMEDIATE ACCOUNTING** 3 Hrs.  
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: Economics 105. Spring (7:30 T.Th.), alternate years 1970.
- 110 **INCOME TAX ACCOUNTING** 2 Hrs.  
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 (1:30 T.Th.).
- 100 **INTERNATIONAL ECONOMICS** 3 Hrs.  
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: Economics 4. Fall (10:30 T.Th.), alternate years 1969.
- 118 **BUSINESS LAW** 3 Hrs.  
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 (9:30 M.W.F.), alternate years, 1970.
- 116 **FAMILY FINANCE**  
(See Home Economics.)
- 121 **MARKETING** 3 Hrs.  
A study of the functions of marketing and the agencies performing these functions; the elimination

## AREAS AND COURSES OF STUDY

- 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 (9:30 M.W.F.).
- 115 **BUSINESS ORGANIZATION AND FINANCE** 3 Hrs.  
A study of forms of business organizations, financial policies and methods of raising capital, forms of securities, working capital, depreciation, sinking funds and reserves, surplus and dividend policies, combinations, reconstruction and reorganization. Prerequisite: one year of college accounting. Fall (1:30 T.Th.).
- 120 **INTERMEDIATE PRICE THEORY** 3 Hrs.  
An analysis of the economic behavior of households and business firms within the framework of free-enterprise capitalism; includes a study of competitive and noncompetitive markets in terms of efficiency and resource use. Prerequisite: Economics 4 or consent of instructor. Fall (10:30 T.Th.), alternate years, 1970.
- 127 **NATIONAL INCOME ANALYSIS** 2 Hrs.  
An analysis of the underlying causes of unemployment, inflation, economic instability, and economic growth. Consideration is given to monetary and fiscal policy, consumption, saving, and investment as they bear on national income. Spring (10:30 T.Th.), alternate years, 1971. Prerequisite: Economics I.
- 130 **PUBLIC FINANCE** 3 Hrs.  
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 (8:30 M.W.F.).
- 135 **INVESTMENTS** 3 Hrs.  
A study of investment policy and mechanics for individuals and institutions; corporate securities and government bonds; the work of investment banking houses; indirect investment through building and loan associations and investment trusts. Prerequisite: 9 hours of economics and/or accounting. Interterm.
- 136 **FINANCIAL STATEMENT ANALYSIS** 3 Hrs.  
A study of the methods of analyzing and interpreting financial statements from the standpoint of bankers, credit analysts, investors, management, and others. Prerequisite: 9 hours of accounting. Spring (7:30 T.Th.), alternate years, 1971.
- 139 **PERSONNEL MANAGEMENT** 3 Hrs.  
A study of personnel administration and personnel problems including recruitment, training, providing incentives, supervision, union-management relations, and labor laws and applications. Offered January (1970). Interterm.
- 140 **LABOR ECONOMICS** 3 Hrs.  
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 (10:30 T.Th.), 1970; 10:30 M.W.F., 1971).
- 141 **MONEY AND BANKING** 3 Hrs.  
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 (8:30 M.W.F.). Prerequisite: Economics I.
- 199 **INDEPENDENT STUDY IN ECONOMICS** 1-3 Hrs.  
See regulations governing independent study. By appointment.
- ### HISTORY
- Requirements for a major.* a minimum of twenty-four semester hours including courses 3, 4, six hours of U.S. History (courses 7-20), 111, 112, 122.
- Honors program in history:* students who qualify for honors courses may enroll in four hours of United States history each term, or may enroll in Historiography at upper level students. Qualification for the program is based upon high scores, promise as a research student, and recommendation by the history faculty.
- 1 **WESTERN CIVILIZATION** 3 Hrs.  
A survey of the major developments in western culture in its world setting from earliest times to 1500. This course is designed to meet the general education requirement of students not specializing in the department. Fall (10:30 T.Th.).
- 3 **EARLY MODERN EUROPE** 3 Hrs.  
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. The year 10:30 M.W.F.).



- 4 **TWENTIETH CENTURY EUROPE** 3 Hrs.  
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. The year (8-10 M.W.F.).
- 12 **THE UNITED STATES: COLONIAL AND REVOLUTIONARY PERIOD** 3 Hrs.  
An interpretation of the period of exploration, colonial establishment and development, and the revolutionary era in American history, with special attention to national and constitutional development (763-1800. Fall (9-30 M.W.F. 1969; 2-30 M.W.F. 1970).
- 18 **THE UNITED STATES: 1865-1960** 2 Hrs.  
The era of reconstruction, industrialization, and the "age of reform," with special attention to Mid-western manifestations of Populism and Progressivism. Fall (2:30 M.W.F. 1969; 9:30 M.W.F. 1970).

- 18 **THE UNITED STATES: EARLY NATIONAL PERIOD** 2 Hrs.  
Jeffersonian and Jacksonian Democracy, slavery and the slavery conflict, the advent and prosecution of the Civil War, 1800-1865. Spring (2:30 M.W.F. 1969; 9:30 M.W.F. 1970).
- 20 **THE UNITED STATES: THE LATE TWENTIETH CENTURY** 2 Hrs.  
The Republican ascendancy, depression, World War II, and America as "superpower." Spring (9:30 M.W.F. 1969; 2:30 M.W.F. 1970).
- 21 **UNITED STATES HISTORY HONORS** 1 Hr.  
Prerequisite: instructor's permission. By appointment. Per term
- 91 **FIELD SESSION IN MEXICAN HISTORY** 5 Hrs.  
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 1970; limited enrollment.
- 111 **THE ANCIENT MEDITERRANEAN WORLD** 3 Hrs.  
A study of the political, social, and cultural development of the ancient Greeks and Romans and their contributions to western civilization. Spring (1:30 M.W.F.), alternate years, 1970.
- 112 **MEDIEVAL HISTORY** 3 Hrs.  
A study of European and related areas from the period of Roman decline to 1500. Spring (1:30 T.Th.), alternate years, 1970.
- 117 **LATIN AMERICAN HISTORY** 3 Hrs.  
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 the relations with the United States are emphasized. Fall (1:30 T.Th.), alternate years, 1970.
- 110 **THE FAR EAST** 3 Hrs.  
A survey of the emergence of modern Japan, the Chinese struggle for national sovereignty, and contemporary political conflicts, with emphasis on the cultural contrast between the Occident and the Orient. Fall (1:30 T.Th.), alternate years, 1969.
- 122 **TRANS-MISSISSIPPI WEST** 3 Hrs.  
A regional study with emphasis on climatic and geologic backgrounds, exploration, settlement, and present day economic and political significance. Spring (10:30 T.Th.), alternate years, 1971.

## AREAS AND COURSES OF STUDY

- 133 **AMERICAN DIPLOMATIC HISTORY** 3 Hrs.  
A study of the diplomatic relations of the United States from the Revolutionary period to the present Fall (11:30 M.W.F.), alternate years, 1970.
- 150 **SEMINAR ON LATIN AMERICA** 3 Hrs.  
A study of the cultural, socio-economic, political, and institutional development and life of Central and South America. Certain important current Latin American problems will be examined in detail Fall 1970 (1:30 T.Th.).
- 161 **HISTORY OF KANSAS** 3 Hrs.  
A study of the formative years of the history of the state and the contributions her people made to the total stream of American development. Designed with special relevance for public school teachers Fall (7:25 p.m. Th.), alternate years, 1970. Inter-term.
- 180-190 **PROBLEMS IN HISTORY** 1-3 Hrs.  
Advanced study of special topics in history. Prerequisite: consent of the instructor By appointment. Per term
- 101 **FIELD SESSION IN MEXICAN HISTORY** 3 Hrs.  
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 in course 91. Prerequisite: instructor's permission. Offered in summer of 1970; limited enrollment.
- 193 **SOVIET RUSSIA AND EAST EUROPE SEMINAR** 3 Hrs.
- 184 **SEMINAR ON AFRICA** 3 Hrs.
- 19X **HISTORY OF POLITICAL THOUGHT** 3 Hrs.  
(See *Political Science*.)
- 199 **HISTORIOGRAPHY** 3 Hrs.  
A study of the techniques of historical research and historical criticism. Fall (7:25 p.m. Th.), alternate years, 1969. (Honors only.)

### Political Science

- 1 **UNITED STATES GOVERNMENT** 3 Hrs.  
A critical study of the organization and operation of the federal, state, and local governments. Fall, 1969 (11:30 M.W.F.); Spring, 1971 (12:30 M.W.F.).
- 30 **PRINCIPLES OF GEOGRAPHY** 3 Hrs.  
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 (7:30 T.Th.).

### 101-102 STUDIES IN AMERICAN GOVERNMENT

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

### 120 AMERICAN POLITICS

2-3 Hrs.  
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 (10:30 T.Th.), alternate years, 1970

### 150 INTERNATIONAL RELATIONS

3 Hrs.  
A study of the twentieth century nationalism, imperialism, militarism, international law, international organization and cooperation, and contemporary political problems. Prerequisite: six hours of college history. Spring (11:30 M.W.F.), alternate years, 1971

### 162 COMPARATIVE GOVERNMENT

3 Hrs.  
An analysis of the important governments of the contemporary period. Spring (11:30 M.W.F.), alternate years, 1970.

### 155 AMERICAN DIPLOMATIC HISTORY

(See *History*.)

### 198 HISTORY OF POLITICAL THOUGHT

3 Hrs.  
A survey of the ideals and men who have shaped the course of political thinking from classical times to the present. Spring, alternate years, (1:30 T.Th.), 1970

### PSYCHOLOGY

*Requirements for a major:* A minimum of 27 semester hours including the following courses 1, 62, 101, 102, 104, 105, 121 and 122.

*Related supporting courses required:* Vertebrate Physiology or Human Biology, and Statistics I or Introduction to Statistics



McPHERSON COLLEGE

- 3 GENERAL PSYCHOLOGY 3 Hrs.**  
An introduction to the understanding of human behavior. Emphasis is placed on individual development and adjustment. Fall and Spring (9:30 and 2:30 M.W.F.)
- 34 PSYCHOLOGY OF ADJUSTMENT 3 Hrs.**  
A study of human adjustment within the framework of dynamic and experimental psychology. Fall (12:30 M.W.F.)
- 62 DEVELOPMENTAL PSYCHOLOGY 3 Hrs.**  
An exploration of human psychological development from birth through adolescence. (1:30 M.W.F.)
- 84 INTRODUCTION TO STATISTICS 3 Hrs.**  
A study of basic statistics designed to acquaint the social science student with statistical tools and techniques. The use and understanding of the following is expected: measures of central tendency, measures of variability, and simple techniques of correlation. Spring
- 102 PSYCHOMETRIC METHODS 3 Hrs.**  
A study of the theory and practice of psychological tests. Students are provided experience in the administration, and interpretation of tests of intelligence, differential abilities, and personality traits. Alternate years. Fall (1:30 T-Th.), 1970
- 102 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 Hrs.**  
An examination of the major systems of psychological thought. Alternate years. Fall (10:30 T-Th.) 1969
- 104 ABNORMAL PSYCHOLOGY 3 Hrs.**  
An examination of the dynamics and patterning of maladjusted behavior. Alternate years. Spring (12:30 M.W.F.), 1971.
- 186 DYNAMICS OF PERSONALITY 3 Hrs.**  
Designed to provide the student with an understanding of the dynamics underlying the development of personality. Alternate years. Fall (10:30 T-Th.), 1970.
- 110 SOCIAL PSYCHOLOGY 3 Hrs.**  
(See Sociology 110)
- 121 PSYCHOLOGY OF COUNSELING 3 Hrs.**  
An exploration of the theory and practice of therapeutic counseling with primary emphasis on common problems of adjustment. Alternate years. Fall (1:30 T-Th.), 1969.

- 122 EXPERIMENTAL PSYCHOLOGY 3 Hrs.**  
A theoretical and empirical study of the experimental method in psychology. Students are expected to conduct and evaluate experiments in learning, transfer of training, forgetting, problem solving, and reaction speed. Two class sessions and one two-hour laboratory. Alternate years. Spring (1:30 T-Th.) Laboratory (2:30-4:30 T or Th.), 1970
- (81) FIELD EXPERIENCE IN PSYCHOLOGY 4 Hrs.**  
A four-week program at Larned State Hospital. Internship
- 180 PROBLEMS IN PSYCHOLOGY 1-3 Hrs.**  
Advanced study of special topics in education or psychology. Prerequisite: consent of instructor. By appointment

**SOCIOLOGY**

*Requirements for a major:* A minimum of twenty-four semester hours including courses 25, 10, or 64, 74 or 120, 107 or 158, 112 or 118, and 116 or 195. General Psychology I is required as a related supporting course. Students majoring in sociology and anticipating graduate study in the field are advised to take 65, 185, and 195.

Sociology 25 is a prerequisite for all upper level courses in the department.

- 25 INTRODUCTORY SOCIOLOGY 3 Hrs.**  
An introduction to the general field of sociology and its principal subdivisions; the nature of culture; the socialization of the individual; the character and behavior of social groups; social organization and institutions; social interaction; change and disorganization. I-II, three sections (A, B, C) M.W.I., B, 10:30 T-Th.; C, 1:30 M.W.I., Spring (1:30 M.W.I.)
- 30 RURAL SOCIOLOGY 3 Hrs.**  
A study of the distinctive characteristics of rural life and culture, rural environment, rural communities, social organizations, and institutions; rural attitudes and viewpoints; relationship to the whole society; trends, problems and current rapid change in rural life, and outlook for the future. Spring (10:30 M.W.F.)
- 64 URBAN SOCIOLOGY 3 Hrs.**  
A study of cities including their recent growth in number, size, and importance in modern society; the distinctive characteristics of urban life and culture; urban attitudes, social organization, and institutions.

AREAS AND COURSES OF STUDY

tutions, city problems such as slums and political corruption, the possibilities in urban planning, and other future trends. Interterm.

- 43 **INTRODUCTION TO STATISTICS** 3 Hrs.  
(See Psychology.)
- 49-169 **SEMINAR IN URBAN LIFE** 1 Hr.  
A course will consist of appropriate preparation and reports. Plus an extended field trip to a major city during the final week of the Interterm. It is open to those who have taken Sociology 64. Interterm.
- 51 **MARRIAGE** 3 Hrs.  
An examination of the steps leading to successful marriage, among them dating, courtship, engagement, and marital adjustment; possible problem areas such as family finances and religion; and the significance of divorce. The study will emphasize the intermingled physiological, psychological, intellectual and spiritual aspects of marriage. Fall, two sections (A, 8:30 M.W.F.; B, 10:30 T.Th.); Spring, two sections (A, 8:30 M.W.F., B, 1:30 T.Th.).
- 102 **RACIAL AND CULTURAL MINORITIES** 3 Hrs.  
An exploration of the problems faced by racial and cultural minority groups in our society, the causes and consequences of prejudice; the true meaning of racial and cultural differences, current crises and possible solutions; some comparison with similar situations in other countries. Spring (10:30 T.Th.), 1970.
- 101 **THE DYNAMICS OF CULTURE** 3 Hrs.  
How cultures come to be, diffusions and interactions between cultures, interactions and interrelations within cultures, studies as to why some cultures survive while others disintegrate, social structures, cultural and social planning, case studies of varied cultures. Spring (9:30 M.W.F.), 1971.
- 101 **CULTURAL ANTHROPOLOGY** 3 Hrs.  
A study of man in the various ways of life (or cultures) which he has developed in history; special attention to primitive peoples and their simple, elemental cultures in comparison with our own; theories concerning the origin and development of cultures, and how they influence each other. Fall (10:30 M.W.F.).
- 108 **CONTEMPORARY SOCIAL ISSUES** 3 Hrs.  
An exploration of pressing current social issues in the light of (sociological) principles and insights. Students will have a voice in the selection of the topics to be considered and will be required, after

- extensive reading, to formulate their own conclusions on these topics in papers or oral reports. Spring (10:30 T.Th.), 1971.
- 110 **SOCIAL PSYCHOLOGY** 3 Hrs.  
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. Fall (2:30 M.W.F.).
- 112 **CRIMINOLOGY** 3 Hrs.  
A study of the causes of crime and the characteristics of the criminal, cultural and legal aspects of criminal behavior; history of the principles and methods of controlling and punishing crime, and the possibilities of rehabilitating offenders. Fall (7:30 T.Th.).
- 113 **HISTORY OF SOCIAL THOUGHT** 3 Hrs.  
A survey of great ideas about society, some produced by ancient civilizations, many others by eminent individual thinkers from early times to the present. Students will have some voice in the selection of civilizations or individuals to be considered. Fall (1:30 T.Th.), 1969.
- 116 **HISTORY OF SOCIOLOGY** 3 Hrs.  
A study of the rise and development of sociology as a social science, the pioneer ideas of men like Comte, Spencer, Sumner, and Ward; contributions by later sociologists, American and foreign, and current trends in the discipline. Spring (1:30 T.Th.).
- 117 **SOCIAL WORK** 3 Hrs.  
A course offering a general survey of the field of social work, including a study of methods and applications. It is designed for education, religious, pre-professional, and social work students; any student may find it helpful. Spring (2:30 M.W.F.).
- 116 **JUVENILE DELINQUENCY** 3 Hrs.  
A study of social factors contributing to juvenile delinquency, such as family and neighborhood influences, modern corrective programs; and the role of schools, law enforcing and other community agencies in delinquency control. Spring (7:30 T.Th.).
- 126 **THE FAMILY** 3 Hrs.  
Primarily a study of the family as a social unit of interacting personalities, with attention given to the functions, duties, and problems which are part of successful family living, and the influences contributing to family disorganization. Spring (10:30 M.W.F.).

McPHERSON COLLEGE

- 140 **SOCIAL DISORGANIZATION** 3 Hrs.  
A survey of the "ills of society"—factors which interfere with wholesome social organization—such as poverty and unemployment; physical or mental illness and mental retardation; juvenile delinquency and crime; sex offenses and family instability; community disorganization and political corruption; suicide; revolution and war. Fall (1:30 T.Th.), 1970.
- 161 **SOCIAL DEVELOPMENT AND THE COMMUNITY** 5 Hrs.  
A detailed inquiry into the relationships between personal development and the community; the family's role; the influence of the community's social structure, its economic and cultural patterns, its churches and similar agencies; also particular attention to its schools. Spring (9:30 M.W.F.), 1970.
- 165 **SOCIAL SERVICE PROJECTS** 1-3 Hrs.  
An arrangement enabling students to earn credit while in Brethren Volunteer Service or similar projects such as mental hospital units or work camps. Consent must be secured from the department and Educational Policies Committee in advance; project will be supervised by department. A written report of the project is required within nine weeks after returning to resident study at the college. Summer session or by special arrangement.
- 171 **SEMINAR IN PRISON COMMUNITIES** 3-4 Hrs.  
The course involves the first three weeks of study on the campus, then a week in a field trip to visit prisons in several states. Interterm.
- 190 **SEMINAR IN SOCIOLOGY** 3 Hrs.  
Seminar studies dealing with some of the cross diffusions and influences, cultural, national, religious, racial, economic, which have affected certain areas and peoples. An effort is made to understand better the current and emerging situation in a part of the world. This seminar is the Non-Western Seminar of ACKC. Fall and Spring.
- 185 **RESEARCH METHODS IN SOCIOLOGY** 3 Hrs.  
A study of the basic scientific methods in sociological field work, with emphasis given to research design, questionnaire construction, scaling technique, case analysis, sampling, graphic presentation, and interviewing. Spring (8:30 M.W.F.).
- 189 **PROBLEMS IN SOCIOLOGY** 1-3 Hrs.  
Advanced study of special topics in sociology. Prerequisite: consent of the instructor. By appointment.

- 193 **CONTEMPORARY SOCIOLOGICAL THEORY** 3 Hrs.  
Review and analysis of contemporary sociological theory, including the theories of such men as George H. Mead, Thomas, Weber, Mannheim, Znaniecki, Sorokin, Becker, Lundberg, Homans, Merton, and Parsons. Spring (8:30 M.W.F.).
- 199 **INDEPENDENT STUDY IN SOCIOLOGY** 1-3 Hrs.  
See regulations governing independent study by appointment.



## APPLIED ARTS AND SCIENCE AREAS . . .

## EDUCATION

HEALTH, PHYSICAL EDUCATION, and RECREATION

HOME ECONOMICS

INDUSTRIAL ARTS EDUCATION

AGRICULTURE and RURAL LIFE

SECRETARIAL SCIENCE

## EDUCATION

It is the primary function of this department to prepare students to be competent elementary or secondary school teachers. It is furthermore the purpose of this department and of the College to encourage promising and capable students to enter the teacher education program. The faculty attempts continually to evaluate the course offerings so that they may represent the highest professional standards.

Naturally, the major in Education will be interested in qualifying for the teaching profession. Therefore, the major should exhibit competencies in oral and written communication, have academic ability and interests, be strong in social and character qualities, and be of good physical and emotional health. The candidate will naturally be interested in a social service vocation.

The College believes that the development of the teacher involves classroom instruction; participation in campus, community, and church life; observation in school-related activities both on and off campus; as well as participation in the public school for an extended period of student teaching. The culmination of this comes at the time at which the student devotes an entire semester to these professional activities.

Continuing study and research is maintained by faculty and students in order to keep abreast of changing educational patterns and teaching techniques and to discover and experiment with new ones. Such studies and research will offer experiences in understanding child growth and development, the supervision of children, the development of the curriculum, and varied approaches to methods, techniques, and problems of teaching.

Requirements for a major: a minimum of twenty-four

semester hours. Nine hours must be taken in the department at McPherson. General Psychology is required as a prerequisite of all majors.

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

82 DEVELOPMENTAL PSYCHOLOGY  
(See Psychology.)

101 GUIDANCE 3 Hrs.  
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. On demand.

110 SOCIAL PSYCHOLOGY  
(See Sociology.)

116 EDUCATIONAL PSYCHOLOGY 3 Hrs.  
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. On demand.

120 UNDERSTANDING THE PUPIL 6 Hrs.  
An integrated course centering on the tasks which a teacher performs. Emphasis is given to understanding the background of the learner, the process of learning, and the process of teaching. A unit of work is devoted to the guidance role of the teacher and the school. Fall and Spring (8:00-11:20 M-F). Teaching block both terms.

M. PHERSON COLLEGE

144 **INTRODUCTION TO SPECIAL EDUCATION** 3 Hrs.  
The field of special education is explored as to the program, the training needed, the employment possibilities, and the methods used by special education teachers. Field experiences give the student an opportunity to explore his special interests in the field. Class work emphasizes the nature and types of individual differences. Spring (1:30 M-W-F), alternate years, 1970.

*AREA B (Six hours from this area are required for either elementary or secondary teachers.)*

100 **PRINCIPLES OF ELEMENTARY EDUCATION** 3 Hrs.  
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 (11:30 M-W-F).

110 **INTRODUCTION TO EDUCATION** 3 Hrs.  
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 student learns about teaching and the school by becoming a teacher's aide - 1 class and 4 hours lab per week. Fall (Th Evening), and Spring (1:30 M-W-F).

125 **HISTORY AND PHILOSOPHY OF EDUCATION** 3 Hrs.  
The essential educational philosophies and their development with special emphasis on the development of the American education system. Spring (Evening).

*AREA C (Eight hours from this area are required for either elementary or secondary teachers. The State of Kansas requires that at least five of these hours be in Supervised Student Teaching.)*

97 **FULL-PROFESSIONAL LABORATORY EXPERIENCES** 3 Hrs.  
Students interested in exploring the possibilities of entering the teaching profession may receive credit for experiences which are related to this field. Summer experiences may qualify or activities during the school year. A proposal for the experience, readings, and an evaluation will be required. All work must be approved by the department and enrollment made prior to the activity. Either term of summer.

103 **SCIENCE IN THE ELEMENTARY SCHOOL** 3 Hrs.  
Emphasis is placed upon effective methods for teaching science to elementary school children. The philosophy and purpose of elementary school science is also stressed. Students are given opportunities to review materials and experience experiments used at this level. Prerequisite one course in physical science and one in biological science. Spring (Evening), alternate years, 1971.

111 **THE TEACHING OF READING** 3 Hrs.  
A study of the methods of teaching reading in the elementary grades, a course which is part of the elementary block for seniors. Fall (11:30 M-F); Teaching Block.

117 **THE TEACHING OF READING IN THE JUNIOR AND SENIOR HIGH SCHOOL** 3 Hrs.  
A study of the methods of teaching reading at the upper elementary, junior and senior high school levels. Special emphasis is given to the reading skills that are needed at this level. The job of the remedial teacher in this area is considered. Spring (Evening), alternate years, 1971.

120 **SOCIAL STUDIES IN THE ELEMENTARY SCHOOL** 3 Hrs.  
A course designed to meet the needs of elementary teachers. Emphasis is placed on trends, materials and methods in this field. Enrollee should have completed college work in three of the following fields: economics, geography, sociology, history, and political science before taking this course. Spring (Evening), alternate years, 1970.

130 **METHODS OF TEACHING BUSINESS EDUCATION** 3 Hrs.  
A study of the theory, practices and materials needed to teach courses in this area. Interterm.

131 **LANGUAGE ARTS IN THE ELEMENTARY SCHOOL** 3 Hrs.  
A study of aims, methods, and materials for teaching the English language arts in the elementary school. Spring (Evening), alternate years, 1970.

132 **METHODS OF TEACHING INDUSTRIAL ARTS** 3 Hrs.  
A study of industrial arts instructional methods, class control, teaching aids, laboratory safety, and the handling of equipment and supplies. Spring (7:30 T-Th).



- 135 **METHODS OF TEACHING THE LANGUAGE ARTS (Secondary)** 2 Hrs.  
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. Interterm.
- 134 **METHODS OF TEACHING THE SOCIAL STUDIES (Secondary)** 2 Hrs.  
A course designed to meet the needs of those who will be teaching social studies in the secondary schools. Emphasis is placed on the materials, sources, and techniques that are most useful and stimulating in a classroom situation. Interterm.
- 137 **METHODS OF TEACHING HOME ECONOMICS** 2 Hrs.  
Develop lesson plans; where to acquire and how to evaluate resource material; evaluation of student progress in secondary home economics courses. Interterm.
- 138 **METHODS OF TEACHING MATHEMATICS (Secondary)** 2 Hrs.  
A study of the purposes and objectives pertinent to mathematics teaching. Special emphasis given to materials and appropriate methods in this area. Interterm.
- 139 **METHODOLOGY OF FOREIGN LANGUAGE TEACHING** 3 Hrs.  
Methods of teaching the language based on a contrastive study of the structures of English and the foreign language. Extensive outside reading, reports on textbooks, discussion of various teaching aids. Interterm.
- 140 **CONSERVATION WORKSHOP (See Science-General.)**
- 147 **CONSERVATION METHODS** 1 Hr.  
This course in conservation is aimed at helping elementary and science teachers implement the work which was done in Education 146. Field and laboratory experiences will be provided. Enrollment is limited to current and future teachers and those who have had Education 146. Summer on demand.
- 153 **SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL** 2-6 Hrs.  
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 and acceptance by the Teacher Education Committee. Fall (M-F. by appointment, weekly conference).

- 155 **SUPERVISED STUDENT TEACHING IN THE SECONDARY SCHOOL** 2-6 Hrs.  
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: three hours in the Education Department and acceptance by the Teacher Education Committee. Fall and Spring (M-F. by appointment, weekly conference.)
- 150 **AUDIO-VISUAL EDUCATION** 3 Hrs.  
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.

MCPHERSON COLLEGE

- 181 **NEW INSTRUCTIONAL METHODS AND MATERIALS** 1 Hr.  
A workshop which introduces the more recent materials and machines in the audio-visual field and the more effective ways of using them. Summer on demand.
- 182 **METHODS OF TEACHING PHYSICAL EDUCATION (Secondary)** 2-4 Hrs.  
A study in the teaching techniques and analysis of the fundamental skills of the individual and team sports. Prerequisite: four hours of activity courses or permission of the instructor. Interm.
- 183 **WORKSHOP IN THE PHYSICAL FITNESS OF THE ELEMENTARY SCHOOL CHILD** 1 Hr.  
A workshop providing the teacher with an understanding of the elements of physical fitness, an understanding of program for the development and improvement of physical fitness based on individual differences. Summer on demand.
- 184 **AEROSPACE EDUCATION WORKSHOP** 3 Hrs.  
A workshop introducing the participating teachers to basic concepts of air and space travel and to recent developments in this field. Aerospace implications for our culture, economy, and world are pursued. Summer on demand.
- 185 **MATHEMATICS IN THE ELEMENTARY SCHOOL** 3 Hrs.  
Most of the time will be devoted to methods of presenting modern mathematics programs. Some time will be given to understanding problems and trends in the field. Prerequisite: Math I and or 4. Spring (Evening), 1971.
- 186 **SPECIAL EDUCATION WORKSHOP: TEACHING THE RETARDED PUPIL** 1 Hr.  
A workshop emphasizing procedures for teaching the retarded pupil in the regular classroom. Problems, methods, and materials are considered. Summer on demand.
- 187 **SPECIAL EDUCATION WORKSHOP: TEACHING THE GIFTED CHILD** 1 Hr.  
A workshop emphasizing procedures for teaching the gifted child in the regular classroom. Problems, methods, and materials are considered. Summer on demand.
- 188 **WORKSHOP IN KINDERGARTEN METHODS** 1 Hr.  
Taught especially for the kindergarten teacher, this workshop will be concerned with the philosophy of education at this level. The latest methods and materials will be discussed and demonstrated. Summer on demand.
- 189 **READING WORKSHOP** 1 Hr.  
The diagnosis and treatment of remedial reading problems. An intensive study is made of diagnostic procedures. Summer on demand.
- 190 **READING WORKSHOP** 1 Hr.  
A workshop dealing mainly with improving reading instruction in the regular classroom. Recent research, trends in teaching, and newer materials are presented. Semesters on demand.
- 191 **DRIVER EDUCATION INSTRUCTOR'S COURSE** 8 Hrs.  
A course designed to train secondary 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.) Alternate summers, 1969.
- 192 **WORKSHOP: NEW ENGLISH METHODS AND MATERIALS** 1 Hr.  
This workshop will assist teachers who are interested in studying new trends and curricula in the field. Present practices will be evaluated. Summer on demand.
- 193 **LANGUAGE AND LINGUISTICS** 1 Hr.  
This workshop will deal with basic concepts of linguistics and language and the relationship between linguistics and the teaching of language. English or foreign. Topics of particular interest to participants will be discussed. Summer on demand.
- 194 **TESTS AND MEASUREMENTS** 2 Hrs.  
A study of the basic concepts necessary for effective testing and measuring in the classroom. Some time is given to the study of elementary statistics and test construction. Fall (1:30 M-W-F), alternate years, 1970.
- 195 **PUBLIC SCHOOL MUSIC METHODS** 3 Hrs.  
A study of the theory and practice of public school music as related to methods and materials for music teaching at elementary and secondary levels (course designed for music majors.) Spring (1:30-3:15 T-Th), alternate years, 1970.
- 196 **TEACHING IN THE INNER CITY** 1 Hr.  
A seminar designed to introduce the prospective

## AREAS AND COURSES OF STUDY

teacher to the philosophy, requirements, and needs of teaching in the area of the racially and culturally deprived. Time spent on campus studying the problems of these deprived groups will be followed by a field experience in a large city. *Interterm.*

**AREA D** *Special courses for both elementary and secondary teachers. (Elementary teachers are required to give four hours beyond those specified under A, B, and C above; these four hours may be chosen from appropriate courses in areas A, B, C, and D.)*

**180 PROBLEMS IN EDUCATION** 1-3 Hrs.  
Advanced study of special topics in education or psychology. Prerequisite: consent of instructor. By appointment.

**TEACHER EDUCATION:** Students wishing to qualify for any teaching certificate must be approved by the Teacher Education Committee. Approval will be granted only upon the presentation of satisfactory evidence of teaching aptitude, physical fitness, scholarship, personality, and character. Consideration will not be given the applicant if his grade-point average is below 2.2 or if he has failed to pass the English Proficiency Examination.

The Teacher Education Committee, which receives all applications to the Teacher Education Program, is composed of the Dean of Academic Affairs, the Registrar, two members of the Education Department, and four members appointed annually by the President of the College to represent other departments. Application forms for the program can be obtained from the Head of the Department of Education at the time of registration for the junior year. The completed forms should be returned to the department head.

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

Student teaching is done in a "block" of time. 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 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.

Elementary candidates must declare their teaching level (primary, middle grades, or upper elementary grades and/or high) as early as possible in their college work. The program for this level must then be met before a student will be recommended for a certificate. Students that prepare for the upper elementary grades will need to choose an area of concentration. (Ask the Education Department for additional information.)

### REQUIREMENTS FOR EITHER THE DEGREE ELEMENTARY CERTIFICATE OR THE DEGREE SECONDARY CERTIFICATE

*General Education*—50 semester hours of general education and liberal arts courses including:

- |  |          |
|--|----------|
| a. Oral and written communications, literature and foreign languages                             | 12 hours |
| b. The natural sciences and mathematics  | 12 hours |
| c. History and the social and behavioral sciences  | 12 hours |
| d. Electives from the above and/or from religion, philosophy, art, music, history and literature | 14 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 | 6 hours |
| Courses selected from Area C | 8 hours |

**ELEMENTARY TEACHERS MUST HAVE THE FOLLOWING IN ADDITION TO THE GENERAL EDUCATION AND PROFESSIONAL EDUCATION REQUIREMENTS:**

- |  |                  |
|--|------------------|
| Hours of electives in professional education courses | 4 hours          |
| Specialized Co-ost Courses                           | Minimum 15 hours |



## McPHERSON COLLEGE

These nonprofessional courses are specifically designed to supply content appropriate for elementary school instruction. Selection may be made from the following for which course description may be found in the appropriate department listings or in the Education Department:

Art Education  
 Children's Literature  
 Music in the Elementary School  
 Principles of Arithmetic  
 Science in the Elementary School  
 Principles of Geography  
 Physical Education in the Elementary School  
 School Health  
 Recreation Leadership  
 Workshops of various types

### Suggested Program for Degree Elementary Teachers

#### FRESHMAN YEAR

Fall Term		Spring Term	
	Hours		Hours
Written Communications	3	Written Communications	3
Philosophy and Religion or Language	3-4	General Psychology	3
Physical Science	4	Bible or Language	3-5
Elementary Education Course	3	Physical Education	1
		Elementary Education Course	3
Total	13-15	Total	13-15

#### SOPHOMORE YEAR

Fall Term		Spring Term	
	Hours		Hours
Literature or Language	3	Philosophy or Language	3
Sociology or History	3	Science	4
Biology	4	Elementary Economics	3
Elementary Education Course	3	Elementary Education Course	3
Total	13	Total	13

#### JUNIOR YEAR

Fall Term		Spring Term	
	Hours		Hours
*Introduction to Education	3	*Introduction to Education	3
Oral Communications	3	*Principles of Ele- mentary Education	3
History or Sociology	3	Developmental Psychol- ogy or Introduction to Special Education	3
Electives	5	Electives	8
Total	14	Total	15

#### SENIOR YEAR

Fall Term		Spring Term	
	Hours		Hours
*Supervised Student Teaching	6	Developmental Psychol- ogy or Introduction to Special Education	1
*Understanding the Pupil	6	Philosophy	3
*Teaching of Reading	3	Electives	8
Total	15	Total	14

\*Starred courses indicate the required courses.  
 (Other courses may be taken during the Interterm.)

### Suggested Curriculum in Teacher Education for Secondary School Teachers

Students planning to teach in the junior or senior high school will normally major in an academic area which offers a teaching field. The sequence of courses as outlined by that department for those planning to teach should be followed. In addition, the student will want to follow the suggested sequence of professional education courses listed below:

#### JUNIOR YEAR

Fall Term	Interterm	Spring Term
Introduction to Education	Special Methods Course	Introduction to Education

#### SENIOR YEAR

Fall Term	Interterm	Spring Term
Secondary Block	Special Methods Course	Secondary Block History and Philosophy of Education

### CUTE Program

Students at McPherson College have the opportunity to participate in the Cooperative Urban Teacher Education (CUTE) program at Wichita, Kansas, during their professional education semester or teaching block. This program gives recognition to the growing importance of urban education in the current American scene. The CUTE program is open to qualified students who are preparing to teach in elementary and secondary schools and have the approval of the Teacher Education Committee.

Students in the program will be assigned to work with outstanding persons familiar with problems of the culturally deprived. Specifically, the Field Experience will consist of the following activities:

- Orientation to educational problems of large, urban communities by cooperating public school personnel.

- b Visits to schools and homes in urban-deprived communities.
- c Conferences with personnel from public and private agencies concerned with problems of an urban-deprived society.
- d Contacts with culturally disadvantaged children through classroom observation, playground supervision, tutorial programs, community service schools, and community center activities.
- e Seminars will be coordinated with each of the field experiences. Seminars will provide a basis for solutions to sociological, psychological, and educational problems encountered.
- f An extended period of full-day student teaching in an urban-deprived school under the supervision of an experienced supervising teacher and Field Experience staff.

*Certification in States Other Than Kansas:* Requirements for certification to teach in the public schools, either elementary or secondary, may vary slightly 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 enrolled in a program that meets the particular requirements of the state involved. The College can qualify teachers for any state with slight variations in the program.

## HEALTH, PHYSICAL EDUCATION, AND RECREATION

*Requirements for a major:* A minimum of 28 semester hours, 24 must be in theory, and include courses 61, 140, 165, 181, 173 or 174, 32 or 41, 31 or 158.

Related supporting courses required are Biology 52, and Physics I or Physical Science I. Biology 61 is recommended.

The following are coeducational activity courses:

- 6 **ARCHERY** ¼ Hr.  
The study and practice of the rules and techniques. Fall (11:30 M.W., First nine weeks).
- 11 **BADMINTON** ¼ Hr.  
The study and practice of the rules and techniques. Fall (11:30 M.W., Second nine weeks).
- 6 **GOLF** ¼ Hr.  
The study and practice of the rules and techniques. Fall (12:00 T.Th., First nine weeks). Students must have a minimum of three clubs; wood, iron, putter.

## AREAS AND COURSES OF STUDY

- 8 **BOWLING** ¼ Hr.  
The study and practice of the rules and techniques. Fall (12:00 T.Th., Second nine weeks). A fee of \$3.00 is additional.
- 10 **TENNIS** ¼ Hr.  
The study and practice of the rules and techniques. Fall (12:00 T.Th., Second nine weeks). Spring (10:30 M.W., Second nine weeks).
- 18 **TRACK AND FIELD** ¼ Hr.  
A practical introduction to track and field skills with participation in the events. Spring (10:30 T.Th., Second nine weeks).



- 2 **BEGINNING SWIMMING** 1 Hr.  
A study and practice of the basic skills in swimming and water safety. Fall or spring (12:00 T.Th.).
- 63 **SENIOR LIFE SAVING** 1 Hr.  
A study and practice of the skills in life saving as outlined by the American Red Cross. A student should have basic knowledge and skill in the four basic strokes: elementary back stroke, side stroke, crawl, and breast stroke. Spring (1:00 T.Th.).
- 17 **FUNDAMENTAL DANCE FORMS** 1 Hr.  
Included are basic skills in folk, square, and social dancing. Fall (1:30 T.Th.), alternate years, 1970.
- 16 **GYMNASTICS AND TUMBLING** 1 Hr.  
Instruction in tumbling and apparatus work including the horizontal bar, parallel bars, trampoline, horse, and rope. Spring (9:30 M.W.).

MCPHERSON COLLEGE

- 110 **CREATIVE (MODERN) DANCE** 3 Hrs.  
A study and practice of the skills in the art form concerned with the communication of ideas or feelings through the medium of movement. Spring (11:30 M.W.F.), alternate years, 1971. Prerequisite: course 17, or consent of instructor.

The following are activity courses for men only:

- 21 **WEIGHT TRAINING** ½ Hr.  
An introduction to weight training, including isometric, isotonic, and a combination of these two methods of strength development. Spring (10:30 T.Th., First nine weeks).
- 1 **GENERAL PHYSICAL EDUCATION** 1 Hr.  
A study and practice of football, handball, and volleyball skills. Fall (8:00 T.Th.).
- 2 **GENERAL PHYSICAL EDUCATION** 1 Hr.  
A study and practice of badminton, tumbling, and track and field events. Spring (8:00 T.Th.).
- 20 **PHYSICAL FITNESS** 1 Hr.  
Participation in calisthenics designed to emphasize physical fitness. Fall or Spring (6:50 to 7:10 M.T.W.Th.F.).
- 13, 23 **FIELD FOOTBALL** 1 Hr.  
One season of continuous participation in varsity football. Prerequisite: one season participation in football prior to enrollment. Fall (5:00-6:00 M.-F., September-November).
- 14, 24 **COURT BASKETBALL** 1 Hr.  
One season of continuous participation in varsity basketball. Prerequisite: one season participation in basketball prior to enrollment. Spring (5:00-6:00 M.-F., December-February).
- 16, 26 **PRACTICAL TRACK AND FIELD** 1 Hr.  
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).

The following are activity courses for women only:

- 3 **FIELD HOCKEY** ½ Hr.  
A study and practice in the rules, techniques, and strategy of field hockey. Fall (1:30 T.Th.), First nine weeks, alternate years, 1969.
- 4 **BASKETBALL** ½ Hr.  
A study and practice in the rules, techniques, and strategy. Fall (1:30 T.Th.) Second nine weeks, alternate years, 1969.

- 6 **VOLLEYBALL** ½ Hr.  
A study and practice in the rules, techniques, and strategy. Spring (11:30 M.W.), First nine weeks, alternate years, 1970.
- 22 **SOFTBALL** ½ Hr.  
A study and practice in the rules, techniques, and strategy. Spring (11:30 M.W.). Second nine weeks, alternate years, 1970.
- 13 **MOVEMENT PRINCIPLES** ½ Hr.  
Physical fitness, weight control, posture, body mechanics. Fall (12:00 T.Th.). Second nine weeks. Spring (10:30 M.W.), First nine weeks.

The following are coeducational theory courses:

- 12 **TRACK AND FIELD EVENTS** 2 Hrs.  
The fundamentals and skills of track and field events and the methods of coaching them. Spring (12:00 T.Th.), alternate years, 1970.
- 31 **PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL** 3 Hrs.  
A study of directed play and physical education activities for the elementary school child. Spring (1:30 M.W.F.).
- 32 **SCHOOL HEALTH EDUCATION** 3 Hrs.  
A study of the health problems of the individual school child and his environmental and curriculum for elementary teachers. Spring (8:30 M.W.F.) alternate years, 1971.
- 41 **PERSONAL AND COMMUNITY HEALTH** 2 Hrs.  
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 (10:30 M.W.), alternate years, 1969.
- 56 **BASKETBALL** 2 Hrs.  
The fundamentals of playing and the methods of coaching basketball. Spring (10:30 M.W.), alternate year, 1971.
- 61 **FIRST AID** 2 Hrs.  
A study of diagnosis and treatment of all emergency physical needs of the human body. Fall (10:30 T.Th.), Spring (8:00 T.Th.).
- 62 **SAFETY** 1 Hr.  
A study of the safety problems in modern society. (By appointment.)
- 140 **ANATOMY AND KINESIOLOGY** 3 Hrs.  
A study of the science of human motion based on

## AREAS AND COURSES OF STUDY

- anatomic, physiologic, and mechanical principles  
Fall (1:30 M.W.F.) alternate years, 1969
- 158 **METHODS OF TEACHING PHYSICAL EDUCATION (Secondary School)** 2-4 Hrs.  
(See Education.) Prerequisites: four hours of activity courses or permission of the instructor. Inter-term.
- 159 **THEORY OF INDIVIDUAL AND DUAL SPORTS** 3 Hrs.  
A study and analysis of sports such as archery, badminton, golf, bowling, tennis, handball, and selected recreational sports. Prerequisites: four hours of activity courses or permission of the instructor. Fall (9:30 M.W.F.)
- 160 **CARE AND TREATMENT OF ATHLETIC INJURIES** 2 Hrs.  
Emphasis on prevention, care, and cure of injuries incurred in the major athletic sports. Prerequisite: First Aid 61. Spring (8:00 T.Th.).
- 163 **HISTORY, PHILOSOPHY, & PRINCIPLES OF PHYSICAL EDUCATION** 4 Hrs.  
A survey of the major historical events which have influenced the development of the physical education profession; a study of the basic philosophies and their resulting effects on trends in physical education; a critical review of accepted principles of the profession. Fall (10:30 M.T.W.Th.), alternate years, 1970.
- 175 **RECREATION LEADERSHIP** 3 Hrs.  
A study and practice of the skills required in leading recreation. Fall (12:30 M.W.F.)
- 174 **CAMP LEADERSHIP** 2-3 Hrs.  
A study and practice of the skills used in camping. Though the course is designed primarily for leaders in church camping, most activities are applicable to all types of camping. Those taking the course for three hours may do a special study in Outdoor Education, or a related subject of choice. Spring (10:30 T.Th.).
- 181 **ORGANIZATION AND ADMINISTRATION OF THE PHYSICAL EDUCATION PROGRAM** 3 Hrs.  
The complete study of organization and administration of a public school physical education program. Fall (8:30 M.W.F.).

- 182 **TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION** 3 Hrs.  
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, motor and physical skills are included, as well as techniques in knowledge testing. Fall (1:30 M.W.F.), alternate years, 1970.
- 189 **PROBLEMS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION** 1-3 Hrs.  
Study of special topics and problems in the department. Prerequisite: consent of instructor. By appointment.
- The following are theory courses for MEN ONLY
- 54 **BASEBALL** 2 Hrs.  
The fundamentals of playing and the methods of coaching baseball. Spring (10:30 T.Th.), alternate years, 1970.
- 55 **FOOTBALL** 2 Hrs.  
The fundamentals of playing and the methods of coaching football. Fall (8:00 T.Th.) alternate years, 1970.
- 57 **MECHANICS AND TECHNIQUES OF OFFICIATING** 2 Hrs.  
A course in which actual officiating of regular games in football and basketball will be required. Fall (8:00 T.Th.), alternate years, 1969.

## 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 food and nutrition or textiles and clothing. Homemaking as a profession is also given emphasis.

*Requirements for a professional major:* A minimum of twenty-eight semester hours, including courses 1, 4, 15, 16, 17, 32, 116, 125, 126, 142. Supporting courses required: Chemistry 1, 54; Biology 2; Sociology 75; Psychology 62.

*Requirements for a teaching major:* A minimum of 37 semester hours which includes all of the course offerings in the department. Supporting courses required: Chemistry 1, 54; Biology 2; Sociology 75.

*Suggested courses:* Physical Education 61, Industrial arts 45 or 46, 53, 122, Music 70, Art 1, 8-9

## MALPHRSON COLLEGE

- 3 DESIGN** 1 Hrs.  
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 T.Th.).
- 6 COSTUME DESIGN** 2 Hrs.  
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 T.Th.).
- 13 FOODS I** 6 Hrs.  
A study of the scientific principles of food cookery, elementary nutrition, and food economics. Class session 3 hours, laboratory 6 hours. Fall (9:30 M.W.F.; Laboratory 1:30-4:20 T.Th.).
- 10 FOODS II** 3 Hrs.  
The planning, preparing and service of family meals and special occasion food services. Prerequisite: Foods I. Spring (9:30 M., Laboratory 1:30-4:20 T.Th.).
- 23 THE HOUSE** 3 Hrs.  
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 (10:30 M.W.F.), alternate years, 1970.
- 24, 114 INTERIOR DESIGN** 3 Hrs.  
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 (12:30 M.W.F.), alternate years, 1971.
- 31 TEXTILES** 3 Hrs.  
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 (7:30 T.Th.).
- 32 FUNDAMENTALS OF CLOTHING** 3 Hrs.  
Selection of clothing for the family; wardrobe planning; budgeting. Commercial patterns and principles of garment construction are given emphasis. One class session and five hours laboratory. Prerequisite: Textiles or permission of instructor. Spring (7:30 T.Th.); 1:30-4:20 W.)
- 118 FAMILY FINANCE** 3 Hrs.  
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 M.W.F.), alternate years, 1971. *Intercepto.*

- 17, 117 FAMILY HEALTH** 3 Hrs.  
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 Health. Fall (10:30 M.W.F.), alternate years, 1969.
- 125 APPLIED DRESS DESIGN** 1 Hrs.  
The development of a foundation pattern from which a suitable flat 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 (1:30-4:20 MF)
- 126 TAILORING** 2 Hrs.  
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 (1:30-4:20 M.P.).
- 142 NUTRITION** 3 Hrs.  
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 instructor. Spring (8:30 M.W.F.), alternate years, 1971.
- 180 PROBLEMS IN HOME ECONOMICS** 1-3 Hrs.  
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 5, 7, 62, 133, 161 and 189.

*Requirements for an educational major:* a minimum of thirty-five semester hours, including courses 5, 6, 7, 51, 10, 62, 63, 102, 106, 122, 132, 133, 141 and 161.

Related supporting courses: a minimum of ten hours selected from Mathematics and the Physical Sciences

- 5 ENGINEERING GRAPHICS I** 1 Hrs.  
An introduction to orthographic, isometric, oblique and pictorial drawing, with emphasis placed on free-hand sketching, auxiliary and sectional views, regular

tions, use of instruments, drafting machines and aids, dimensioning, and lettering. One class session and four hours laboratory. Fall (10:30 T.).

- 6 **ENGINEERING GRAPHICS II** 3 Hrs.  
Manufacturing processes, design, detail and assembly drawing, screw threads and fasteners, jigs and fixtures, cams and gears, illustrative and reproductive methods and procedures. Maps and topographical rendering. Spring (10:30 T.).

- 7 **WELDING** 7 Hrs.  
A study of the basic welding processes; the theory, the physical principles and properties, inspection methods, and equipment. One class session and two hours laboratory. Fall (10:30 Th.).

- 45 **CRAFTS** 3 Hrs.  
Crafts experience provided in plastics, art metal and silver, wood carving, basketry, lapidary, and leather work. One class session and four hours laboratory. Fall and Spring (10:30 Th.).

- 51 **GENERAL METALS** 3 Hrs.  
An introduction to metals and metalworking processes used in sheet metal, bench metal, forging, and foundry. One class session and four hours of laboratory. Fall and Spring (7:30 Th.).

- 60 **ELECTRICITY-ELECTRONICS I** 3 Hrs.  
A study of the operations and characteristics of various electrical systems and devices with special emphasis given to Ohm's law, theory of DC and AC equipment, single and multiple phase power sources,

## AREAS AND COURSES OF STUDY

magnetism, induction, resistance, parallel and series circuits. Two class sessions and two hours of laboratory. Fall (9:30 M.F.).

- 62 **WOODWORKING I** 2 Hrs.  
An introduction to woods, machine techniques, and fabrication methods involved from forests to finished product. Spring (7:30 and 8:30, M.W.F.).

- 63 **WOODWORKING II** 3 Hrs.  
An involvement with wood, wood products, and joinery with emphasis on design. Fall (7:30 and 8:30, M.W.F.).

- 68 **GENERAL MECHANICS** 3 Hrs.  
A study of the basic principles which apply to internal combustion engines and power transmission units. Precision measurement techniques, use of specifications, and adjustment procedures are emphasized. Two class sessions and two hours of laboratory. Spring (12:00 T.Th.).

- 102 **INDUSTRIAL ORGANIZATION, MATERIALS AND PROCESSES** 3 Hrs.  
A course designed to acquaint the student with the organization, materials and processes of American industry by actually forming a corporation and mass producing an item for sale. Special emphasis will be given to research and development, construction of jigs and fixtures, interchangeability of parts, production and inspection, distribution. Prerequisite: consent of the staff. Interterm (8:00-12:00).

- 108 **ADVANCED WOODWORKING** 3 Hrs.  
Woodworking techniques as related to assembly line furniture production, patternmaking, and building industries. Fall (1:30 and 2:30 M.W.F.).

- 114 **ELECTRICITY-ELECTRONICS II** 3 Hrs.  
A study of vacuum tubes, transistors, electronic circuits, relays, controls and industrial devices with emphasis upon the use and maintenance of testing and measuring equipment. Two class sessions and two hours of laboratory. Spring (9:30 M.F.).

- 122 **ARCHITECTURAL DRAWING** 3 Hrs.  
All phases of home planning are included in this study. Typical problems covered are location, building codes, style, and finance. Results of the study culminate in a detailed set of house plans. Spring (9:10 M.W.F.), alternate years, 1970.

- 132 **METHODS OF TEACHING INDUSTRIAL ARTS**  
(See Education.)



**MCPHERSON COLLEGE**

- 132 HISTORY AND PHILOSOPHY OF INDUSTRIAL EDUCATION** 2 Hrs.  
A study of the aims and objectives of industrial education from its early history (Pre 1870) to the present, including the philosophies of the founders. Special emphasis is placed on trends in industrial arts education and the review of current industrial education literature. Fall (7:30 T,Th.).
- 141 WOOD AND METAL FINISHING** 3 Hrs.  
A technical study which introduces to the student the systematic approach to the choice of finishes, the methods of preparation and the application of finishes to industrial products, classroom or home projects. Spring (1,30 and 2 30 M,W,F.).
- 148 ADVANCED WELDING** 1 Hr.  
An advanced study of the conventional welding processes with additional work experiences provided in inert gas welding and automatic welding processes. Industry visitation tours are a part of this study. Fall (10:30 T.).
- 161 METAL LATHE** 2 Hrs.  
All engine lathe operations are included in this study. In addition, this study serves as an introduction to the machine tool as a manufacturing medium, emphasizing precision measurement, standards, tolerance, time and motion study, and inspection methods. One class session and two hours of laboratory. Fall and Spring. (7 30 T.)
- 164 MACHINE TOOL OPERATIONS** 2 Hrs.  
An advanced study of machine tool theory. The student follows the machining of a useful product from blueprint to the finished product acquiring skill on all basic machine tools in the process. Prerequisite: L.A. 161. Spring (6:00-10:00 M, evening).
- 168 AUTO MECHANICS** 3 Hrs.  
An advanced study of the automobile emphasizing the diagnostic approach to unit servicing, preventive maintenance, the care and safe operation of the family automobile. Laboratory experiences are also provided in wear analysis and automotive machine shop. Spring (10:30 M,W,F.).
- 169-190 PROBLEMS IN INDUSTRIAL ARTS** 1-3 Hrs.  
A study in depth of some area of industrial arts. The activity must be consided with educational aims and objectives. Prerequisite: consent of the staff. Fall or Spring. By appointment.

**AGRICULTURE AND RURAL LIFE**

*Requirements for a major, a minimum of twenty-four semester hours including 7, 12, 66, 121, 133, 142, 144, and 180*

*Suggested supporting courses: Rural Sociology 50, Introductory Organic Chemistry 54, Physics 5-6, Botany 32, and Geology 104.*

- 7 FARM CROPS** 3 Hrs.  
A study of the principles of crop production including classification, distribution, importance, and identification of the common field crops. Fall (1 30 M,W,F.).
- 22 ANIMAL HUSBANDRY** 3 Hrs.  
A general survey of the livestock industry with a study of market types, classes, and grades of livestock. Spring (7:30 M,W,F.).
- 24 JUDGING AND SELECTION OF LIVESTOCK** 1 Hr.  
A study of type and form of beef cattle, swine, and sheep. Prerequisite: Animal Husbandry 22 or consent of instructor. Three hours of laboratory. Spring (laboratory 1:30-4:20 T.), alternate years 1970.
- 9 POULTRY HUSBANDRY** 3 Hrs.  
A study of the selection, breeding, and judging of poultry with consideration of brooding, housing, and management practices. Two class sessions and two hours laboratory. Spring (9:30 M,W, laboratory 1:15-3:00 Th.), alternate years, 1970.
- 25 DAIRY HUSBANDRY** 3 Hrs.  
A study of the dairy industry including selection and breeding of dairy cattle, herd improvement, and dairy cattle management. Fall (11 30 M,W, laboratory 1 30-3 15 Th.).
- 26 LANDSCAPE GARDENING** 3 Hrs.  
Application of the principles of landscape design to the development of city properties and farmsteads. Field trips are taken to well-landscaped homes in the immediate area. Spring (4:50 Th. Evening).
- 7 WELDING**  
(See Industrial Arts.)
- 94 GENERAL MECHANICS**  
(See Industrial Arts.)
- 112 ADVANCED JUDGING AND SELECTION OF LIVESTOCK** 1 Hr.  
Comparative judging of market and breeding classes

of livestock with emphasis on selection of breeding animals. Prerequisite: Judging and Selection of Livestock 24. Three hours of laboratory. Spring laboratory 1:30-4:20 T.), alternate years, 1970.

- 121 **AGRICULTURAL MARKETING** 3 Hrs.  
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 (1:30 M.W.F.), alternate years, 1970. Interterm.
- 133 **PRINCIPLES OF FEEDING** 3 Hrs.  
A study of the digestive system of domestic animals, the nutritive requirements for maintenance, growth, and reproduction, and the balancing of rations for the different classes of livestock. Prerequisite: Chemistry 11 or equivalent. Fall (8:30 M.W.F.), alternate years, 1970.
- 134 **LIVESTOCK PRODUCTION** 3 Hrs.  
Feeding, breeding, and management practices involved in the production of beef cattle, swine, and sheep. Spring (8:30 M.W.F.), alternate years, 1971.
- 142 **SOILS** 4 Hrs.  
Fundamental principles underlying the formation,

## AREAS AND COURSES OF STUDY

- fertility, and management of soils including physical, chemical, and biological properties. Prerequisite: Chemistry 11 or equivalent. Three class sessions and two hours laboratory. Fall (1:30 M.W.F., laboratory 1:30-3:15 T.), alternate years, 1969.
- 144 **FARM ORGANIZATION** 3 Hrs.  
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 class sessions and two hours laboratory. Spring (1:30 M.W., laboratory 1:30-3:15 F.), alternate years, 1971.
- 16A **AUTO MECHANICS**  
(See Industrial Arts.)
- 180 **SEMINAR** 1 Hr.  
Restricted to seniors in Agriculture and Rural Life. Discussion and special assignments of topics in the field of agriculture with emphasis on recent developments as reported in current literature. Spring (7:30 M.).
- 189-190 **PROBLEMS IN RURAL LIFE** 1-3 Hrs.  
Advanced study of specific agricultural topics. Prerequisite: consent of instructor. By appointment.

## SECRETARIAL SCIENCE

*NOTE: Secretarial Science 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 Hrs.  
A course for students who have had no previous training in typewriting. The aim of this course is to obtain a working knowledge of the keyboard. Fall (8:30 M.W.F.).
- 12 **ADVANCED TYPEWRITING** 3 Hrs.  
A course designed for students who wish to prepare for clerical or secretarial positions or for the teaching of typing. Accuracy, speed, and a wide variety of typing material pertaining to actual office practice is stressed. Prerequisite: Course 11 or its equivalent. Spring (8:30 M.W.F.).
- 13 **ELEMENTARY SHORTHAND** 3 Hrs.  
A beginning course in Gregg Shorthand, Functional Method. The aim is to develop an understanding





McPHERSON COLLEGE

of the basic principles of the Gregg shorthand system and to apply these principles to an extensive vocabulary. Reading of shorthand, dictation and transcription are stressed. Typewriting skill is needed for transcription. Fall (9:30 M.W.F.).

- 14 **ADVANCED SHORTHAND** 3 Hrs.  
A course in Gregg Shorthand Dictation for students interested in secretarial positions or for those who wish to teach shorthand. Dictation and transcription, business vocabulary building, grammar and punctuation, and the study of business situations facing the secretary are stressed. Prerequisite: Course 13 or its equivalent. Typewriting skill is needed for transcription. Spring (9:30 M.W.F.).
- 50 **OFFICE MANAGEMENT** 3 Hrs.  
A study of the problem of office management—its importance, its functions, and the application of scientific principles to office work. Spring (at Central College).
- 51 **PRODUCTION TYPEWRITING** 3 Hrs.  
The objective in this course is to train each student to produce with efficiency and speed typewritten work that would be acceptable in the most exacting business offices. Drills and practice to increase office production, letters, rough drafts, legal documents, tabulation, and business forms. Spring (at Central College).
- 53 **ADVANCED DICTATION AND TRANSCRIPTION** 3 Hrs.  
Extensive work with dictation and transcription machines. Technical vocabularies of business and some of the professions will be covered. The emphasis in this course will be on increasing shorthand speed and meeting business standards in transcription. Prerequisite: Typewriting and Shorthand. Fall (at Central College).
- 54 **SECRETARIAL PRACTICE AND PROBLEMS** 3 Hrs.  
The study of basic secretarial principles and procedures. Special techniques necessary in the highest secretarial positions are presented. Prerequisites: Typewriting and Shorthand or permission of the instructor. Spring (at Central College).
- 55 **OFFICE MACHINES I** 2 Hrs.  
Instruction and practice in the use of ten-key and full-keyboard adding machines, rotary and printing calculators, transcribing machines, and duplicating machines. Fall and Spring (at Central College).



# 1970

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	4	5	6	7	8	9	1	2	3	4	5	6	7	
11	12	13	14	15	16	17	13	14	15	16	17	18	8	9	10	11	12	13	14	
18	19	20	21	22	23	24	20	21	22	23	24	25	15	16	17	18	19	20	21	
25	26	27	28	29	30	31	27	28	29	30	31	22	23	24	25	26	27	28		
													29	30	31					
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
4	5	6	7	8	9	10	3	4	5	6	7	8	7	8	9	10	11	12	13	
11	12	13	14	15	16	17	10	11	12	13	14	15	14	15	16	17	18	19	20	
18	19	20	21	22	23	24	17	18	19	20	21	22	21	22	23	24	25	26	27	
25	26	27	28	29	30	31	24	25	26	27	28	29	28	29	30	31				
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	2	3	4	5	6	7	6	7	8	9	10	11	12	
10	11	12	13	14	15	16	9	10	11	12	13	14	13	14	15	16	17	18	19	
17	18	19	20	21	22	23	16	17	18	19	20	21	20	21	22	23	24	25	26	
24	25	26	27	28	29	30	23	24	25	26	27	28	27	28	29	30	31			
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
4	5	6	7	8	9	10	4	5	6	7	8	9	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	11	12	13	14	15	16	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	18	19	20	21	22	23	20	21	22	23	24	25	26	
25	26	27	28	29	30	31	25	26	27	28	29	30	27	28	29	30	31			

# 1971

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	1	2	3	4	5	6	1	2	3	4	5	6	7	
11	12	13	14	15	16	17	8	9	10	11	12	13	8	9	10	11	12	13	14	
18	19	20	21	22	23	24	15	16	17	18	19	20	15	16	17	18	19	20	21	
25	26	27	28	29	30	31	22	23	24	25	26	27	22	23	24	25	26	27	28	
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
4	5	6	7	8	9	10	2	3	4	5	6	7	5	6	7	8	9	10	11	
11	12	13	14	15	16	17	9	10	11	12	13	14	12	13	14	15	16	17	18	
18	19	20	21	22	23	24	16	17	18	19	20	21	19	20	21	22	23	24	25	
25	26	27	28	29	30	31	23	24	25	26	27	28	26	27	28	29	30	31		
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	6	7	8	9	10	11	5	6	7	8	9	10	11	
10	11	12	13	14	15	16	13	14	15	16	17	18	12	13	14	15	16	17	18	
17	18	19	20	21	22	23	20	21	22	23	24	25	19	20	21	22	23	24	25	
24	25	26	27	28	29	30	27	28	29	30	31	26	27	28	29	30	31			
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	3	4	5	6	7	8	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	10	11	12	13	14	15	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	17	18	19	20	21	22	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	24	25	26	27	28	29	24	25	26	27	28	29	30	

# 1972

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	6	7	8	9	10	11	1	2	3	4	5	6	7	
10	11	12	13	14	15	16	13	14	15	16	17	18	8	9	10	11	12	13	14	
17	18	19	20	21	22	23	20	21	22	23	24	25	15	16	17	18	19	20	21	
24	25	26	27	28	29	30	27	28	29	30	31	22	23	24	25	26	27	28		
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	2	3	4	5	6	7	5	6	7	8	9	10	11	
10	11	12	13	14	15	16	9	10	11	12	13	14	12	13	14	15	16	17	18	
17	18	19	20	21	22	23	16	17	18	19	20	21	19	20	21	22	23	24	25	
24	25	26	27	28	29	30	23	24	25	26	27	28	26	27	28	29	30	31		
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	6	7	8	9	10	11	5	6	7	8	9	10	11	
10	11	12	13	14	15	16	13	14	15	16	17	18	12	13	14	15	16	17	18	
17	18	19	20	21	22	23	20	21	22	23	24	25	19	20	21	22	23	24	25	
24	25	26	27	28	29	30	27	28	29	30	31	26	27	28	29	30	31			
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1								1
3	4	5	6	7	8	9	3	4	5	6	7	8	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	10	11	12	13	14	15	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	17	18	19	20	21	22	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	24	25	26	27	28	29	24	25	26	27	28	29	30	

M C P H E R S O N C O L L E G E

of the basic principles of the Gregg shorthand system and to apply these principles to an extensive vocabulary. Reading of shorthand, dictation and transcription are stressed. Typewriting skill is needed for transcription. Fall (9:30 M.W.F.).

- 14 **ADVANCED SHORTHAND** 3 Hrs.  
A course in Gregg Shorthand Dictation for students interested in secretarial positions or for those who wish to teach shorthand. Dictation and transcription, business vocabulary building, grammar and punctuation, and the study of business situations facing the secretary are stressed. Prerequisite: Course 13 or its equivalent. Typewriting skill is needed for transcription. Spring (9:30 M.W.F.).
- 50 **OFFICE MANAGEMENT** 3 Hrs.  
A study of the problem of office management—its importance, its functions, and the application of scientific principles to office work. Spring (at Central College).
- 81 **PRODUCTION TYPEWRITING** 3 Hrs.  
The objective in this course is to train each student to produce with efficiency and speed typewritten work that would be acceptable in the most exacting business offices. Drills and practice to increase office production, letters, rough drafts, legal documents, tabulation, and business forms. Spring (at Central College).
- 83 **ADVANCED DICTATION AND TRANSCRIPTION** 3 Hrs.  
Extensive work with dictation and transcription machines. Technical vocabularies of business and some of the professions will be covered. The emphasis in this course will be on increasing shorthand speed and meeting business standards in transcription. Prerequisites: Typewriting and Shorthand. Fall (at Central College).
- 84 **SECRETARIAL PRACTICE AND PROBLEMS** 3 Hrs.  
The study of basic secretarial principles and procedures. Special techniques necessary in the highest secretarial positions are presented. Prerequisites: Typewriting and Shorthand or permission of the instructor. Spring (at Central College).
- 58 **OFFICE MACHINES I** 3 Hrs.  
Instruction and practice in the use of ten-key and full-keyboard adding machines, rotary and printing calculators, transcribing machines, and duplicating machines. Fall and Spring (at Central College).



# 1970

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	8	9	10	11	12	13	14	4	5	6	7	8	9	10
11	12	13	14	15	16	17	15	16	17	18	19	20	21	11	12	13	14	15	16	17
18	19	20	21	22	23	24	22	23	24	25	26	27	28	18	19	20	21	22	23	24
25	26	27	28	29	30	31								25	26	27	28	29	30	31
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
5	6	7	8	9	10	11	3	4	5	6	7	8	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	10	11	12	13	14	15	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	21	22	23	24	25	26	27	
26	27	28	29	30	31	24	25	26	27	28	29	28	29	30						
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
5	6	7	8	9	10	11	2	3	4	5	6	7	6	7	8	9	10	11	12	
12	13	14	15	16	17	18	9	10	11	12	13	14	13	14	15	16	17	18	19	
19	20	21	22	23	24	25	16	17	18	19	20	21	20	21	22	23	24	25	26	
26	27	28	29	30	31	23	24	25	26	27	28	27	28	29	30					
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	8	9	10	11	12	13	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	15	16	17	18	19	20	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	22	23	24	25	26	27	18	19	20	21	22	23	24	
25	26	27	28	29	30	31	29	30					25	26	27	28	29	30	31	

# 1971

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	7	8	9	10	11	12	7	8	9	10	11	12	13	
10	11	12	13	14	15	16	14	15	16	17	18	19	14	15	16	17	18	19	20	
17	18	19	20	21	22	23	21	22	23	24	25	26	21	22	23	24	25	26	27	
24	25	26	27	28	29	30	28						28	29	30	31				
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	3	4	5	6	7	8	7	8	9	10	11	12	13	
11	12	13	14	15	16	17	10	11	12	13	14	15	14	15	16	17	18	19	20	
18	19	20	21	22	23	24	17	18	19	20	21	22	21	22	23	24	25	26	27	
25	26	27	28	29	30	31	24	25	26	27	28	29	28	29	30	31				
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
4	5	6	7	8	9	10	2	3	4	5	6	7	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	9	10	11	12	13	14	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	16	17	18	19	20	21	20	21	22	23	24	25	26	
25	26	27	28	29	30	31	23	24	25	26	27	28	27	28	29	30				
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	7	8	9	10	11	12	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	14	15	16	17	18	19	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	21	22	23	24	25	26	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	28	29	30	31			24	25	26	27	28	29	30	

# 1972

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	6	7	8	9	10	11	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	13	14	15	16	17	18	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	20	21	22	23	24	25	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	27	28	29	30	31		24	25	26	27	28	29	30	
APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	7	8	9	10	11	12	7	8	9	10	11	12	13	
10	11	12	13	14	15	16	14	15	16	17	18	19	14	15	16	17	18	19	20	
17	18	19	20	21	22	23	21	22	23	24	25	26	21	22	23	24	25	26	27	
24	25	26	27	28	29	30	28	29	30	31			28	29	30	31				
JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
3	4	5	6	7	8	9	6	7	8	9	10	11	6	7	8	9	10	11	12	
10	11	12	13	14	15	16	13	14	15	16	17	18	13	14	15	16	17	18	19	
17	18	19	20	21	22	23	20	21	22	23	24	25	20	21	22	23	24	25	26	
24	25	26	27	28	29	30	27	28	29	30	31		27	28	29	30				
OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1							1
2	3	4	5	6	7	8	7	8	9	10	11	12	2	3	4	5	6	7	8	
9	10	11	12	13	14	15	14	15	16	17	18	19	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	21	22	23	24	25	26	16	17	18	19	20	21	22	
23	24	25	26	27	28	29	28	29	30	31			23	24	25	26	27	28	29	

McPHERSON COLLEGE

BOARD OF TRUSTEES  
1969

Harold I. Mohler  
Winston K. Goering  
Ernest A. Peterson  
R. Gordon Yoder

*Chairman*  
*Vice Chairman*  
*Secretaries*  
*Treasurer*

*Term Expires 1970*

Edward R. Frantz  
Winston K. Goering  
Harvey C. Lehman  
Delbert Lewallen  
Harold I. Mohler  
Royal Yoder

Wichita, Kansas  
Nampa, Idaho  
Lincoln, Nebraska  
Bisbee, North Dakota  
Wattensburg, Missouri  
Conway, Kansas

*Term Expires 1971*

Quinter Bosserman  
John D. Bower  
George W. Grove  
Paul Jewell  
Paul Rolston  
Herman H. Sudman

Peace Valley, Missouri  
McLouth, Kansas  
South English, Iowa  
Kansas City, Missouri  
Sheldon, Iowa  
McPherson, Kansas

*Term Expires 1972*

Earl J. Brubaker  
Donald R. Ferree  
P. R. Jamison  
M. Clare Miller  
Ernest A. Peterson

Rocky Ford, Colorado  
Panora, Iowa  
Ottawa, Kansas  
McPherson, Kansas  
Wichita, Kansas

*Term Expires 1973*

S. G. Hoover  
Max G. McAuley  
Milton L. Morrison  
John E. Thomas, Sr.

Plattsburg, Missouri  
Overland Park, Kansas  
Salina, Kansas  
Dallas Center, Iowa

*Term Expires 1974*

Wayne Bowman  
Robert Bradshaw  
Wesley W. Jarrow  
Orville Pote  
Wilbur Yoder

Pueblo, Colorado  
Waterloo, Iowa  
Hutchinson, Kansas  
Cushing, Oklahoma  
McPherson, Kansas

*Ex Officio*

I. Jack Melhorn, President of McPherson College  
R. Gordon Yoder, Treasurer and Business Manager of McPherson College  
Merlin L. Frantz, Recording Secretary  
District Executive Secretaries of the McPherson College Area of the Church of the Brethren

ADMINISTRATION

*Executive*

R. Yoder, Chairman, Morrison, Vice Chairman, Brubaker, F. R. Frantz, Miller, Mohler, Peterson Ex officio Melhorn

*Committees of the Trustees*  
1969

*Campus Planning*

R. Yoder, Chairman, Bosserman, Bowman, Coerring, Grove, Lewallen, Pate Ex officio Melhorn

*Development and Public Relations*

Miller, Chairman, Bradshaw, Hoover, Lehman, Peterson, Thomas Ex officio: Albright, Melhorn

*Education*

Paul Jewell, Chairman, Bower, Darrow, F. R. Frantz, Jamison, McAuley, Mohler Ex officio Melhorn, Zook

*Finance and Investment*

R. G. Yoder, Chairman, Brubaker, Furrer, Morrison, Rolston, Sudman, W. Yoder Ex officio: Dell, Melhorn

J. JACK MELHORN, A.B., B.D., M.A., H.D., Ph.D.

*President*

*Officers of the Administration*

MERLIN I. FRANTZ, A.B., M.Ed., Ed.D.

*Dean of Academic Affairs*

GALEN R. SNELL, B.A., R.D., M.A., Ph.D.

*Dean of Student Affairs*

GERALD J. HOLMAN, A.B.

*Development of Development*

R. GORDON YODER, B.S.

*Business Manager and Treasurer*

PAUL WAGONER, A.B., B.D.

*Associate Director of Development*  
(Alumni Affairs and Church Relations)

GUY HAYES, A.B., A.M.

*Director of Financial Aids*

and JOHN F. BURNS, A.A., B.S.

(Spring Terr)

GROVER EUGENE MYERS, A.B., M.Ed.

*Director of Admissions*

E. DEAN REYNOLDS, B.S.

*Registrar*

HAROLD Z. BOMBERGER, A.B., B.D., S.M., D.D.

*Pastor*

McPherson Church of the Brethren

The following committees are responsible to the President of the College

*Committees of the*

*A Administrative Committee*

Melhorn, Frantz, Holman, G. Snell, Yoder, Ikenberry

*Administration and Faculty*

*B Academic-Administrative Council*

Melhorn, Frantz, Rothrock, Ikenberry, Burkholder

1969-1970

*C Athletic Committee*

S. Smith, Deal, Green, Melhorn, Widup, G. Yoder and students on call for activities which involve the students, including the presidents of the M-Club (Carl Cook) and the WAA (Pam Burns).

M c P H E R S O N C O L L E G E

*D Long-range Planning Committee*

Don C. Steffes, Larry Banks, De Coursey, A. W. Dirks, Frantz, Holman, Ikenberry, Susan Krehbiel, Lengel, Melhorn, M. Clare Miller, Rothrock, G. Snell, van Asselt, G. Yoder.

The following committees are responsible to the Dean of Academic Affairs.

*A Educational Policies Committee*

Frantz, Burkholder, Flory, Reynolds, Rothrock, van Asselt, Green Lengel, Rodney Lusk, Royce Kurtz, Harris (ex officio)

*B Admissions Committee* (Student recruiting is responsible to the Director of Development )

Reynolds, Brunk, Frantz, Hayes, Keim, Myers or Heisey, Young, and other faculty as needed.

*Sub-committee: Retention Committee*

Frantz, Flory, G. Snell, Reynolds and faculty advisers as needed.

*C Teacher Education Committee*

Rothrock, Flory, Frantz, Green, M. Hughbanks, Krehbiel, Reynolds, Robinson, R. Snell.

*D. Faculty Program Committee*

Friszen, Frantz, Green, A. Shalaby, Sick, Weaver, Welch, Widrig, Young.

*E. Library Committee*

Lengel, Frederick, Fulgraff, Harris, Honeywell, C. Hughbanks, Lee, Weaver

*F. ACCK Educational Policies Committee*

Flory, Coppock, and Frantz (Academic Dean)

The following committees are responsible to the Dean of Students:

*A. Student Life Committee*

Snell, Flory, Frantz, A. Price, and Robinson.  
Associates—on call. Resident Directors, E. Christensen, Larry Banks, and students and student groups.

*B. Student Activities Committee*

Snell, Christensen, Patton, Price, A. Ray, F. Shalaby, Sherfy, Larry Banks, Tom Connell, Jean Warnke, William Chenoweth, Carolyn Runyan

FACULTY AND STAFF

- C *Convocation, Chapel and Religious Life Committee*  
Robinson, Sollenberger (Cultural Committee) Fischer, Frantz, Goldsmith,  
G. Snell, Larry Banks, Carl Bowman, Jean Lichty (MCY), Jerry Schrock  
(MCY), Bomberger or Londonson

- D *Financial Aids Committee*  
To formulate, subject to Administrative Committee approval, the general  
policy for scholarships, grants, and loans awarded by the College, and to  
approve the types and amounts of aid.  
Flory, Frantz, Hayes, Myers, Reynolds, S. Smith, G. Snell, G. Yoder

The following committee is responsible to the Director of Development

- A *The Campus Planning Committee*  
Holman, DeCoursey, Frantz, Green, Lengel, Melhorn, Rothrock, S. Smith,  
Williams, G. Yoder

The following committee is responsible to the Business Manager.

- A. *Building and Grounds Committee*  
G. Yoder, Frantz, Komcek, Melhorn

- A *Awards* Frantz, Fischer, Hayes, Mohler, S. Smith, G. Snell, Sollenberger,  
and Larry Banks (student body president)

- B *College History* Bechtel

- C *Cultural Program* Sollenberger, Barr, Fischer, Frantz, Robinson, Shirley  
Wagoner (secretary), G. Yoder, and Rose Marie Ullom (student)

- D *Faculty Loans* Eriksen, Sick, and Hofer

- E *Homecoming* Wagoner, Mohler, Myers, S. Smith, G. Snell, Larry Banks,  
Bud Taylor, and one additional student

- F *Library building* Rothrock, Frantz, Harris, Ikenberry, Lengel, Melhorn, and  
G. Yoder

- G *May Day (First All Schools Day)* Mohler, Hill, Kiger, Knuckles, F. Shalaby,  
R. Smith, Welch, Sophomore class representatives, and G. Snell (sponsor)

- H *McPherson Museum* Dell

- Placement* Rothrock

- J *Scheduling of College Calendar* Mrs. Dell

- K *Summer Session* Rothrock, Deal, Frantz, Myers, Reynolds, and Young.

- L *Television and Radio* Wagoner, Fischer, Melhorn, Mohler, and S. Price

*Special Committees  
and Assignments*



MCPHERSON COLLEGE

ADMINISTRATION,  
FACULTY AND STAFF  
1969-70

JACK MILLHORN, A.B., B.D., M.A., LL.D., Ph.D.

*President of the College, Professor of Sociology (1965)\**

A.B., Elizabethtown College, 1944; B.D., Yale University Divinity School, 1947; M.A., University of Southern California, 1956; LL.D., Elizabethtown College, 1965; Ph.D., University of Southern California, 1967. Taught Arnold College, 1943-47; La Verne College, 1947-63. Foreign Travel, 1967.

MERLIN L. FRANTZ, A.B., M.Ed., Ed.D.

*Dean of Academic Affairs, Professor of Education and Psychology (1964-1954)*

A.B., McPherson College, 1943; M.Ed., University of Nebraska, 1953; Ed.D., University of Nebraska, 1959; National Science Institute, University of Iowa, summer, 1962. Taught Tabor College, 1956-59. Foreign Travel, 1946-48, 1966.

GERALD J. HOLMAN, B.A.

*Director of Development (1968)*

B.A., LaVerne College, 1954.

GAIEN R. SNELL, B.A., B.D., M.A., Ph.D.

*Dean of Students, Dean of Men, Assistant Professor in Psychology (1969-1967)*

B.A., LaVerne College, 1955; B.D., Bethany Theological Seminary, 1958; M.A., University of Arizona, 1966; Ph.D., University of Arizona, 1967.

R. GORDON YODER, B.S.

*Business Manager and Treasurer (1958-1946)*

B.S., McPherson College, 1939. College Business Management Workshop, University of Omaha, summer, 1950, 1952. Foreign Travel, 1967.

HOWARD F. BARR, B.MUS. ED., M.M.

*Associate Professor in Music (1969)*

B.MUS. ED., Texas Wesleyan College, 1953; M.M., Texas Christian University, 1960; University of Missouri at Kansas City, Doctoral Studies toward D.M.A. - Piano - study with Stefan Bardas; Private coaching with Duo-Pianists, Bill and Pat Medley; Extensive concert tours throughout the United States and Canada.

JAMES A. BAXTER, A.B., S.T.B., A.M.

*Assistant Professor of Sociology (1969)*

A.B., Transylvania College, 1960; S.T.B., Boston University, 1965; A.M., Boston University, 1969.

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

*Professor Emeritus of Sociology (1969, 1946)*

A.B., Junata College, 1925; B.D., Presbyterian Theological Seminary, 1931; M.Th., Bethany Theological Seminary, 1933; Ph.D., University of Chicago, 1937.

\*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.

**SARAH MAY BRUNK, A.B., A.M.***Associate Professor of English and Journalism (1955-1947)*

A.B. McPherson College, 1942. Library School, Kansas State Teachers College, Emporia, summer, 1945. A.M., University of Kansas, 1942. Publications Workshop, Kansas State University, summer, 1962. State University of Iowa, summer 1963, 1964-65.

**JOHN H. BURKHOLDER, A.B., Ph.D.***Professor of Biology (1956, 1952)*

A.B. McPherson College, 1949. Ph.D. University of Chicago, 1954. Institute on Marine Biology, University of Oregon, summer, 1957. Institute of Cell Biology, University of Wisconsin, summer, 1959. Institute of Protozoology, University of California at Berkeley, summer, 1966. visiting Professor, Kansas State Teachers College, summer, 1963-64; Research Associate, University of Iowa, 1967-69.

**HESS V. COOPER, B.S., M.A.***Associate Professor of Education and Administrative Assistant (1969)*

B.S., Ottawa University, 1929. M.A., University of Kansas, 1938. Advanced graduate work, Kansas University, summer, 1947. Wayne State University, Detroit, summer, 1961. University of Colorado, summer, 1965. University of Wyoming, summer, 1967.

**DORIS F. COPPOCK, A.B., M.A., Ph.D.***Professor of Physical Education (1964, 1951)*

A.B. McPherson College, 1948. University of Kansas, summer, 1950. A.M., University of Iowa, 1954. Fred Waring Music Workshop, 1955. Christiansen Choral Workshop, 1957. Foreign Travel, summer, 1958. University of Nebraska, summer, 1959. University of California at L.A., summer, 1961. Ph.D., University of Iowa, 1964.

**THOMAS W. DEAL, B.S., B.D., M.A.***Assistant Professor of Philosophy and Religion (1966)*

B.S., Manchester College, 1960. B.D., Bethany Theological Seminary, 1963. M.A., Southern Illinois University, 1966.

**WESLEY DE COURSEY, B.S., Ph.D.***Professor of Chemistry (1955, 1952)*

B.S., McPherson College, 1940. Ph.D., Iowa State University, 1933. Instructor, Iowa State University, 1946-52; National Science Foundation Workshop, Indiana University, summer, 1959; N.S.F. Research Institute, Kansas University, summer, 1960; N.S.F. Nuclear Science Institute, Washington State University, summer, 1964; N.S.F. Geographic Institute, University of Minnesota, summer, 1965. Fulbright Lecturer, Jinnah College, Karachi, Pakistan, and Tehran University, Tehran, Iran, 1963-66. Foreign Travel, summers, 1963, 1966.

**SAMUEL MILTON DELL, B.S., M.S.***Professor Emeritus of Industrial Arts (1968-1931), Director Museum (1968)*

B.S., McPherson College, 1926; Central Missouri State Teachers College, summer, 1927; M.S., Iowa State College, 1934. University of Chicago, summer, 1936. Northwestern University, summer, 1937. Kansas State University, summer, 1945. Foreign Travel, summers, 1952, 1955, 1965.

McPHERSON COLLEGE

CHARLES W. FISCHER, B.A., M.A.

*Assistant Professor in English-Theatre (1967)*

B.A., Northwestern State College, 1964; M.A., Southern Illinois University, 1966.

RAYMOND L. FLORY, B.S., A.M., Ph.D.

*Professor of History and Political Science (1950, 1947)*

B.S., McPherson College, 1940; A.M., University of Kansas, 1942; Ph.D., University of Kansas, 1955. Taught LaVerne College, 1963-64. Foreign Travel, Summers 1949, 1951, 1952, 1955, 1959, 1964.

LESLIE FRALEY, JR., B.S., M.S.

*Assistant Professor of Physics (1965)*

B.S., Ohio State University, 1957; M.S., Ohio State University, 1959, Colorado State University, 1968-69.

DONALD R. FREDERICK, B.S., B.D., M.M.

*Professor of Voice and Director of Choral Organizations (1956, 1946)*

B.S., Manchester College, 1939; B.D., Bethany Theological Seminary, 1946; Sherwood Music School, 1944-46; M.M., Northwestern University, 1950; Wichita State University, 1962-64.

VERNON E. FRIESEN, A.B., M.S.

*Assistant Professor of Mathematics (1965)*

A.B., Bethel College, Kansas, 1953; M.S., University of Illinois, 1960; Case Institute of Technology, summer, 1957; University of Arizona, 1961; University of Illinois, summer, 1962; University of Kansas, summer, 1967.



FACULTY AND STAFF

JEAN MICHEL FULGRAFF, M.A.

*Assistant Professor in Foreign Languages (1969)*

M.A., Faculté des Lettres, Strasbourg, 1968

DALE C. GOLDSMITH, A.B., M.A.

*Assistant Professor in Philosophy and Religion (1969)*

A.B., Princeton University, 1959; M.A., Divinity School, University of Chicago, 1964

BOB R. GREEN, A.A., A.B., M.A.

*Assistant Professor in English (1967)*

A.A., Central College, 1949; A.B., Seattle Pacific College, 1951; M.A., Kansas State Teachers College, Emporia, 1960; Kansas State Teachers College, summer, 1965; Oklahoma State University, summer, 1967

VIRGINIA HARRIS, A.B., B.I.S., M.I.S.

*Librarian, Associate Professor (1944)*

A.B., McPherson College, 1939; B.I.S., Louisiana State University, 1945; M.I.S., Louisiana State University, 1955

D. GENE HILL, B.S., M.A.

*Assistant Professor in Industrial Arts (1969)*

B.S., Kansas State College, Pittsburg, 1948; M.A., California State College, Long Beach, 1968

EMMA HOFER, B.A., M.S.

*Assistant Professor in Economics (1968)*

B.A., McPherson College, 1937; M.S., University of Denver, 1946; University of Nebraska, summer, 1961

IUGENT C. HONEYWELL, B.S., M.S.

*Assistant Professor in Physics (1968)*

B.S., Central Missouri State College, 1967; B.S. in Education, Central Missouri State College, 1967; M.S., Central Missouri State College, 1968; Construction Technology, Iowa State University, 1962-64

CORINNE N. HUGHBANKS, A.B., M.S.

*Assistant Professor of Languages (1966)*

A.B., Asbury College, 1953; M.S., Kansas State Teachers College, Emporia, 1966; University of Nebraska, 1968

MONROE HUGHBANKS, A.B., M.F.J.

*Associate Professor in Education (1969, 1964)*

A.B., Asbury College, 1952; Universidad Nacional de Mexico, summer, 1956; M.Ed., Kansas State Teachers College, Emporia, 1964; Kansas State Teachers College, summer, 1965; visiting consultant, Kansas State Teachers College, summer, 1966; NDEA Economics Institute, University of Nebraska, summer, 1967; University of Nebraska, summer, 1968; Foreign Travel, 1953-61, summer, 1964

GILFORD J. KENBERRY, JR., B.S., M.S., Ph.D.

*Professor of Biology (1964, 1961)*

B.S., McPherson College, 1952; M.S., Oklahoma State University, 1956; Ph.D., Iowa State University, 1959; Instructor, Iowa State University, 1957-59; Assistant Professor,

MCPHERSON COLLEGE

Michigan State University, 1959-61; Visiting Professor, Kansas State Teachers College, Summers, 1962-63-64-65; Science Faculty Fellow, Yale University, 1967-68.

ROBERT E. KEIM, A.B., B.D., M.A.

*Associate Professor in Sociology (1960-1964)*

A.B., McPherson College, 1949; B.D., Bethany Theological Seminary, 1953; M.A., Sacramento State College, 1967; Kansas University, 1967.

GERALD M. KIGER, B.S., M.Ed.

*Assistant Professor in Agriculture (1968)*

B.S., Pennsylvania State University, 1959; M.Ed., Pennsylvania State University, 1965

WILLIAM G. KNUCKLES, B.A., M.A.

*Associate Professor in Physical Education, Head Football Coach and Baseball Coach (1969)*

B.A., University of Denver, 1952; M.A., Colorado State College, 1957

JESSE D. KREHBIEL, A.B., M.S.

*Associate Professor of Mathematics (1962, 1961)*

A.B., Bethel College, 1952; M.S., Iowa State University, 1956; Wichita State University, summer, 1959; University of Kansas, summers, 1961, 1962; Oklahoma State University, 1965-67.

SAI KWING LEE, B.S., M.S.

*Assistant Professor of Chemistry (1964)*

B.S., San Diego State College, 1959; M.S., University of California at Los Angeles, 1964.

IRVING L. LENGEL, A.B., M.A., Ph.D.

*Associate Professor of History and Political Science (1968, 1963)*

A.B., McPherson College, 1956; M.A., Duke University, 1962; Ph.D., University of Oregon, 1968.

JEAN F. McLANE, B.A., M.A.

*Assistant Professor of German (1967)*

B.A., University of Oregon, 1965; M.A., University of Kansas, 1968.

BURTON METZLER, A.B., B.D., Th.B., Ph.D.

*Professor Emeritus of Philosophy and Religion (1964, 1937)*

A.B., Manchester College, 1920; B.D., Bethany Theological Seminary, 1921; Th.B., Princeton Theological Seminary, 1924; Ph.D., Southern Baptist Theological Seminary, 1928; Taught, Manchester College, 1927; Bethany Theological Seminary, 1925-33.

ROBERT ELLSWORTH MOHLER, A.B., M.S., Sc.D.

*Professor Emeritus of Biology (1952, 1913)*

A.B., Mt. Morris College, 1912; M.S., Kansas State College, 1916; University of Wisconsin, 1923; University of Kansas, summer, 1927; Seminar, National University, Mexico City, 1929; Sc.D., LaVerne College, 1941.

OSCAR A. OLSON, B.S., A.M., Ph.D.

*Professor of Economics and Business Administration (1939)*

B.S., Northern State Teachers College, South Dakota, 1928; A.M., University of Iowa,

FACULTY AND STAFF

1932; Ph.D., University of Iowa, 1939, University of Colorado, summer, 1940. Economics in Action Program, University of Wisconsin, summer, 1956; Seminar in Financial Institutions, University of Kansas, summer, 1962. Taught, Denison University, 1943-45.

STANLEY R. PRICE, B.A., M.A.

*Assistant Professor of English (1969)*

B.A., La Verne College, 1960; M.A., California State at Los Angeles, 1968

ARTHUR L. RAY, B.S., M.S.

*Assistant Professor in Physical Education, Head Track Coach.*

*Assistant Football and Basketball Coach (1966)*

B.S., Fort Hays Kansas State College, Hays, 1960; M.S., Fort Hays, Kansas State College, Hays, 1962.

MARY ANN ROBINSON, B.S., M.A.

*Associate Professor of Art (1969, 1961)*

B.S., Kansas State University, 1945, M.A., McCormick Theological Seminary, 1955, University of Kansas, 1948-49; Kansas State Teachers College, Emporia, summer, 1961; University of Mississippi, summer, 1962; Wichita State University, summers, 1964, 1968. Foreign travel, summers, 1958, 1963, 1969

DAYTON G. ROTHROCK, A.B., M.Ed., Ed.D.

*Professor of Education and Psychology (1962, 1956)*

A.B., McPherson College, 1947; University of Colorado, summer, 1948, M.Ed., University of Nebraska, 1951; Ed.D., University of Nebraska, 1961, Kansas State University, summer, 1967, Stanford University, spring, 1968.

ANNE M. SHALABY, B.A., M.A.

*Assistant Professor in English (1969)*

B.A., Oklahoma State University, 1964 M.A., Oklahoma State University, 1967.

FAROUK M. SHALABY, B. Commerce, M.S.

*Assistant Professor in Economics and Business Administration (1968)*

B. Commerce (Honors), Cairo University (Egypt), 1961; M.S., University of Minnesota, 1965. Residence requirements for Ph.D. completed, Oklahoma State University

MILDRED M. SIEK, B.S., M.S.

*Professor of Home Economics (1943)*

B.S., McPherson College, 1935; M.S., University of Wisconsin, 1945; Kansas State College, 1948; Kansas State Teachers College, Pittsburg, summer, 1955; Columbia University, summer, 1956; University of Denver, summer, 1957; Kansas State University, summer, 1962; University of Hawaii, summer, 1964; University of Tennessee, summer, 1966. Foreign Travel, summers, 1958, 1960, 1967.

ROBERT R. SMITH

*Instructor in Art (1967, 1966)*

Belhany College, 1961; Kansas University, summers, 1962-63; Kansas State University, 1963-65; Wichita State University, 1965-67.

MC PHERSON COLLEGE

SIDNEY L. SMITH, A.B., M.S.

*Associate Professor in Physical Education and Director of Athletics (1967, 1953)*

A.B., Kansas Wesleyan University, 1936; Ft. Hays State College, summer, 1936; Colorado State College of Education, summer, 1942; Adams State College, summers, 1947, 1948; Colorado College, summer, 1949; Montana State University, summer, 1953; Concordia College, summer, 1966; M.S., Kansas State Teachers College, 1968.

RUTH M. SNELL, B.A., M.M.

*Assistant Professor in Music (1968, 1967)*

B.A., LaVerne College, 1955; M.M., University of Arizona, 1967.

PAUL V. SOLLENBERGER, A.B., M.M.

*Associate Professor of Music Theory and String Instruments (1962, 1951)*

Sherwood Music School, 1946; A.B., McPherson College, 1947; Northwestern University, summers, 1947, 1948; M.M., University of Wichita, 1961; Wichita State University, summer, 1967.

HARLEY STUMP, A.B., M.Ed., B.D., Ph.D.

*Professor of English (1962, 1957)*

A.B., Southwestern State College, Oklahoma, 1944; M.Ed., University of Oklahoma, 1952; B.D., Bethany Theological Seminary, 1954; Ph.D. University of Oklahoma, 1964. Taught Guthrie Training School, 1952-53; Eastern New Mexico University, summer, 1964.

JAN van ASSELT, B.S., M.A., Ph.D.

*Associate Professor of German and Linguistics (1965)*

B.S., McPherson College, 1956; M.A., University of Colorado, 1958; Ph.D. University of California, 1965; Director of Brethren Colleges Abroad, 1967-68.

LARRY A. WEICH, B.A., M.S.

*Assistant Professor in Biology (1967)*

B.A., Southwestern College, 1963; Institute on Field Biology and Ecology, Sonoma State College, summer, 1965; M.S., Kansas State Teachers College, 1967.

DONALD WIDRIG, B.S., M.S.

*Associate Professor in Physical Education Head Basketball Coach (1966, 1966)*

B.S., McPherson College, 1959; M.S., Kansas State Teachers College, Emporia, 1962.

ALVIN E. WILLEMS, B.S., M.S.

*Associate Professor in Industrial Arts Education (1962, 1950)*

B.S., McPherson College, 1950; M.S., Kansas State University, 1962, Utah State University, 1967-68.

UNA RING YODER, A.B., M.A.

*Assistant Professor in English, Speech and Theatre (1967, 1952)*

A.B., McPherson College, 1934; M.A., Kansas State Teachers College, Emporia, 1959; Kansas State University, 1964-66; Wichita State University, 1968.

LEWIS C. YOUNG, B.S., B.D., S.T.M., Ph.D.

*Associate Professor of Psychology (1966)*

B.S., Carroll College, 1934; B.D., Oberlin Graduate School of Theology, 1951; S.T.M., Andover Newton Theological School, 1960; Ph.D., Boston University, Boston, 1965.

FACULTY AND STAFF

VISITING SCHOLARS

PAUL ROBY - ACCK Orchestra  
(Faculty Member, Kansas State University)

CARLTON WOODS — Music, ACCK  
Woodwinds  
B Mus., Heidelberg College, 1963  
(Faculty Member, Bethany College)

WILLIAM BRAUN, Music  
B.A., Fresno State College  
M.A., Fresno State College

*Part-time Instructional Faculty*

VERDA GROVE DeCOURSEY, B.S., Design  
B.S., McPherson College, 1940. Iowa State University, 1947-48, Washington State  
University, summer, 1964; Foreign Travel, 1965-66

MILDRED I. OLSON, B.S., Secretarial Science  
B.S., State University of Iowa, 1932.

JAMES E. TOMLONSON, B.S., M.Div., Philosophy and Religion  
B.S., Manchester College, 1961, M.Div., Bethany Theological Seminary, 1969.

JOHN E. BURNS, A.A., B.S.  
*Director of Financial Aids (1970)*  
A.A., Hutchinson Community Junior College, 1959. B.S., McPherson College, 1968

ADMINISTRATIVE  
ASSISTANTS  
AND STAFF

CHRISTINA FLORY, B.S.  
*Assistant Registrar (1969, 1968)*  
B.S., McPherson College, 1968

NEYSA J. FOX, B.S.  
*Admissions Counselor (1970)*  
B.S., McPherson College, 1969.

GUY HAYES, A.B., A.M.  
*Director of Financial Aids (1967, 1950)*  
A.B., McPherson College, 1934, A.M., Colorado Agricultural and Mechanical College,  
1941; University of Southern California, summers, 1955, 1958. Foreign Travel,  
1945-46; summer, 1952, 1961, Europe, fall, 1965

DENNIS H. HEISEY, B.S.  
*Admissions Counselor (1969)*  
B.S., McPherson College, 1968

ALICE B. MARTIN, B.S.  
*Registrar Emerita (1965, 1938)*  
Kansas State Teachers College, Emporia, 1921-23, summer, 1925; B.S., McPherson  
College, 1938. University of Denver, 1955. College of the Pacific, summer, 1958  
Foreign Travel, summer, 1941.

EDWIN A. MOHLER, A.B.  
*Director of Publicity and Promotion (1969)*  
A.B., McPherson College, 1967.



McPHERSON COLLEGE

GROVER EUGENE MYERS, B.S., M.Ed.

*Director of Admissions (1967)*

B.S., McPherson College, 1937; M.Ed., University of Missouri, 1963

ANNE H. PRICE, B.A.

*Assistant Dean of Students, Dean of Women (1969)*

B.A., Bridgewater College, 1957; Bethany Theological Seminary, 1958; UCLA, 1966

E DEAN REYNOLDS, B.S.

*Registrar (1963)*

B.S., McPherson College, 1937.

PAUL W. SHERFY, B.S.

*Assistant Business Manager (1967)*

B.S., McPherson College, 1934.

PAUL WAGONER, A.B., B.D.

*Associate Director of Development (1966, 1955)*

A.B., McPherson College, 1949; B.D., Bethany Theological Seminary, 1933.

JAMES E. WEAVER, A.B., M.Div.

*Library Assistant (1968)*

A.B., McPherson College, 1964; M.Div., Bethany Theological Seminary, 1968; North  
and Illinois University, summer, 1968

MICHAEL DENNIS WELCH, B.A.

*Deferred Giving Counselor (1970)*

B.A., La Verne College, 1968.

ORVILLE K. WIEBE, B.A., M.F.

*Counselor (1969)*

B.A., Tabor College, 1932; M.F., Wichita State University, 1959. Residency Require-  
ment Completed, Ph.D. candidate, 1970.

BETTY J. BARCHESKY

*Secretary to the Dean of Academic Affairs (1962)*

ALMA L. BRUCE

*Secretary to the Dean of Student Affairs (1969)*

ELIZABETH CHRISTENSEN

*Director of Student Union (1962)*

MARCIA COTTERILL

*Manager of College Bookstore (1964) Summer Supervisor of Student Union*

MIRIAM W. DELL, A.B.

*Secretary to the President (1957, 1951)*

A.B., McPherson College, 1923.

MARY E. ERICKSON

*Secretary in the Development Office (1969)*

J. HOWARD FRIES, A.B.

*Manager of College Farms, Treasurer Emeritus (1933, 1916)*

A.B., McPherson College, 1923.

ADMINISTRATIVE ASSISTANTS AND STAFF

- RAYMOND S HARVESTER  
*Mailing-Duplicating Center (1969)*
- TONYA HEIDEBRECHT  
*College Nurse (1969)*  
*Wesley School of Nursing, 1956-1959 Wesley State University, 1956-1957*
- MICROTHY M. HUBBLE  
*Assistant in the Business Office (1909)*  
*A. B. McPherson College, 1936*
- ANNA MAE HULL  
*Secretary, Office of Publicity and Alumni Affairs (1960)*
- WILA KOLBE  
*Residence Director, Kline Hall (1969)*
- STANLEY L. KONICEK  
*Superintendent of Buildings and Grounds (1969, 1967)*
- MABEL MARKHAM  
*Residence Director, Bistinger Hall (1966)*
- VIVIAN REA  
*Residence Director, Dotzour Hall (1967)*
- ELMER RUHSER  
*Assistant Superintendent of Buildings and Grounds (1969, 1957)*
- ELIZABETH RUSSELL  
*Residence Director, Fahnstock Hall (1961)*
- THELMA SHEETS  
*Assistant in the Business Office (1966, 1958)*
- LORECE J STROMQUIST  
*Admissions Secretary (1969)*  
*A. B., McPherson College, 1961*
- JOSEPHINE K STUBBY  
*Admissions Secretary (1969)*
- LORRETTA TIPTON, A B  
*Assistant in the Business Office (1952)*  
*A. B., McPherson College, 1952.*
- BRENDA WALKER  
*Switchboard Operator and Receptionist (1968)*
- MARGUERITE WESTFALL  
*Residence Director, Metzler Hall (1957, 1961)*
- JUDITH B. WOOLARD  
*Assistant in the Business Office (1970)*

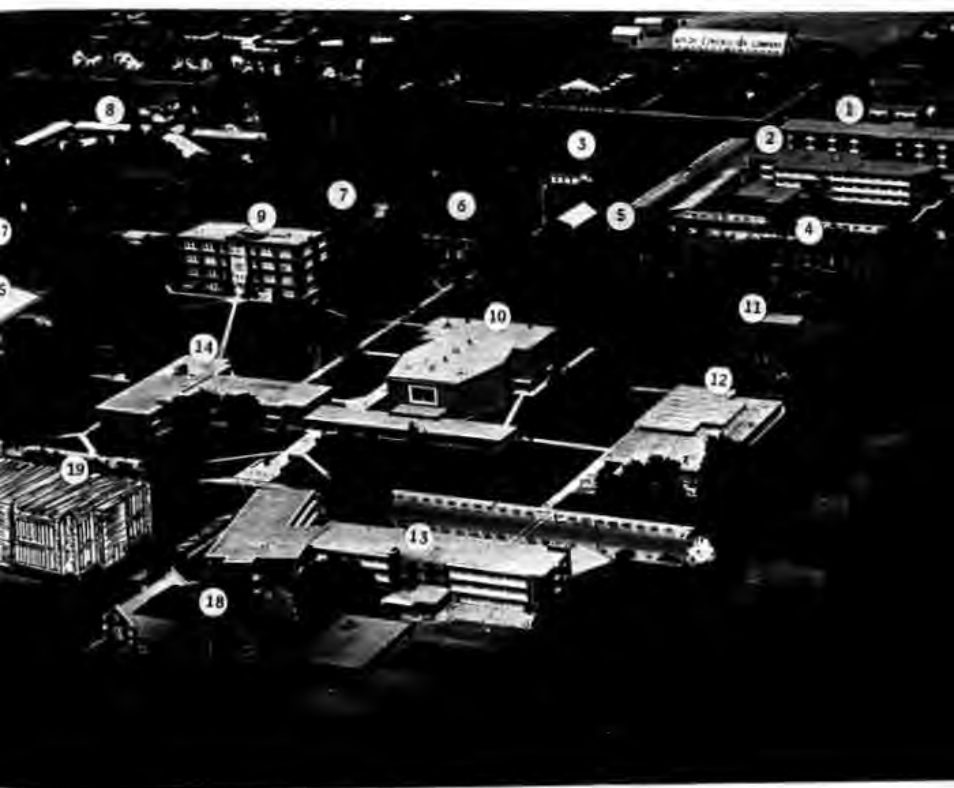
## COLLEGE CAMPUS . . .

The modern, well groomed campus of McPherson College includes:

1. Bittinger Hall, men's residence
2. Metzler Hall, men's residence
3. Mac Shack, student operated coffee house
4. Fahnstock Hall, man's residence
5. Arnold Hall, art department
6. Kline Hall, women's residence hall with cooking privileges
7. Frantz Hall, industrial arts
8. College Courts, married student apartments
9. Harnly Hall, sciences music, agriculture
10. Brown Auditorium and Friendship Hall, art exhibit
11. Beighly Library
12. Student Union and Cafeteria
13. Dotzour Hall, women's residence
14. Mehler Hall, administration, classrooms
15. Physical Education Building
16. Tennis Courts
17. Practice Field, stadium not shown
18. Church of the Brethren
19. Miller Library  
President's home six blocks west on Euclid  
City-College Museum five blocks west on Euclid

McPherson College is easily accessible by public transportation. Interstate Highway 35W links McPherson with Interstate 70, a main east-west artery. Two other national highways, US81 and US56 cross in McPherson. Continental Trailways Bus Lines and rail services are also available. Nearby Wichita and Salina are served by major airlines. The McPherson airport has facilities for private planes and charter flights.





## INDEX

Accreditation	VIII	Whomans	5	Welfare	34
Activities and Events	II, 39	Extracurricular Activities	17	Whomans	35
Administration	63	Faculty	22	Law	35
Administrative Officers	61	Fees	7	Library	35
Administrative Assistants and Staff	61	Food Service	6	Medical	34
Admission Requirements	23	Foreign Language	43	Medical Technology	35
Advanced Standing	23	French	43	Nursing	36
Agriculture and Rural Life	78	Geology	37	Social Work	36
Application Fee	7	German	43	Theology	37
Application for Admission	67	Government	41	Veterinary	36
Applied Arts and Sciences	92	Government, Student	18	Problems, Academic	27
Art	39	Grade Point System	34	Problems, Courses	29
Assistants	12	Grading Scale	35	Psychology	37
Athletics	33	Grants-in-Aid	19	Publications, Student	17
Auditing	7	Greek	44, 51	Purpose and Aims of the College	VIII, I, 2
Band	31	Health Program	54	Re-Admission	23
Biology	33	History	50	Refunds	6
Books and Supplies	7	History of the College	4	Registration	33
Buildings	64	Home Economics	73	Regulations, Academic	23, 26
Business Administration	27	Hooper Hall	26	Regulations, Student	18
Calendar	IX, 73	Home Societies	19	Religion	51
Change of Course	23	Hygiene	8, 9	Religious Aims and Influences	I, 18
Chemistry	34	Independent Study	29	Residence Requirements	23
Choir	11	Industrial Arts Education	74	Room Reservation	9
Class Attendance	26	Information, General	3	Scholarships	10
Classification of Students	26	Interterm	7	Science, General	37
Committees, Faculty, Trustees	65	Innovation	43	Scientific Science	27
Concentration Requirements	23	Late Registration	1, 23	Social Science Area	71
Convocation Attendance	26	Library	6	Social Life	18
Costs	6	Literature	40	Sociology	33
Counseling	34	Literature	44	Speech	44
Course Numbering System	26	Latin Student	11	Speech	41
Courses of Instruction	26	Mathematics	55	Student Council and Court	11, 19
Credits Requirements	23	Majors Offered	23	Summer Term	24
Courses Offered	VIII, 23	Moral and Religious Influences	18	Teacher Certification	39
Curriculum, Tuition	7	Music	45	Teacher Placement Service	13
Distribution Requirements	23	Orchestra	18	Tuition Service	14
Economics	37	Organizations, Student	17	Topics	41
Education	65	Personal Plans	7	Transcript	7
Employment, Student	13	Personal Services	14	Transfer	23
English	39	Philosophy and Religion	49	Transfer, Board of	20
English Proficiency Examination	36	Physical Education	37	Tuition	6
Enrollment	23	Physical	37	Veterans Benefits	11
Equipment of College	44	Placement Service	17	Withdrawal	27
Evangelical School	59	Political Science	37	Y-M-YWCA	16
Events, Campus	35	Pre-Professional Courses	36		
		Christian Education	27		

McPHERSON COLLEGE  
McPherson, Kansas

*Request for  
Catalog, Materials, or  
Application Blank*

If you wish brochure material, scholarship or loan applications, an application for admission or would like a personal interview, complete the form at the bottom of this page. We will be glad to send a catalog or other materials to other prospects. Campus visits are encouraged.

REQUEST FOR MATERIALS      Date \_\_\_\_\_

Mail to:

PLEASE PRINT

Director of Admissions

Name \_\_\_\_\_

McPherson College

McPherson, Kansas 67460

Address \_\_\_\_\_

Please send the following materials:

- An application for admission
- Brochure on McPherson College
- Scholarship materials

Information relative to: \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

I am presently a (Fr. Soph. Jr. Sr.) in high school.

I am a transfer student, and have completed about \_\_\_\_\_ (sem.; qt.) hours at \_\_\_\_\_

When do you plan to enter McPherson College?

If you wish others to receive materials, list names and addresses.

Signature \_\_\_\_\_

Mail to:

DIRECTOR OF ADMISSIONS, McPherson College,  
McPherson, Kansas 67460.

McPHERSON COLLEGE

McPHERSON COLLEGE