

McPHERSON COLLEGE

Catalog Issue
BULLETIN
1953-1954



ELBOW
HALL

BRYANT
HALL

FORMER
PLAN

ARNOLD
HALL

FARMSTOCK
HALL

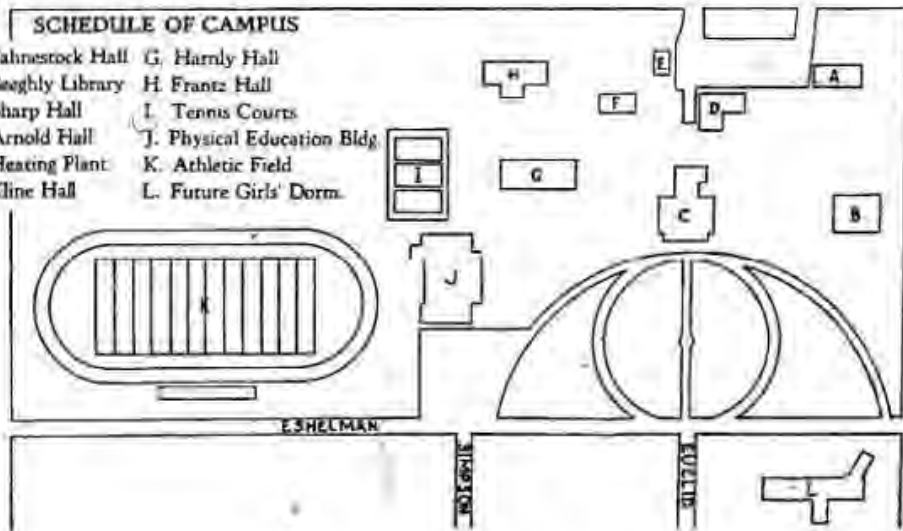
BERGILY
LIBRARY

COLLEGE
CHURCH



SCHEDULE OF CAMPUS

- | | |
|--------------------|----------------------------|
| A. Fahnestock Hall | G. Harnly Hall |
| B. Beeghly Library | H. Frantz Hall |
| C. Sharp Hall | I. Tennis Courts |
| D. Arnold Hall | J. Physical Education Bldg |
| E. Heating Plant | K. Athletic Field |
| F. Kline Hall | L. Future Girls' Dorm. |



McPHERSON COLLEGE

BULLETIN



Life and Light—John 1:4

CATALOG NUMBER

Vol. 42

APRIL, 1953

No. 8

Published twelve times a year or less by McPherson College at McPherson, Kansas. Entered as second class matter February 16, 1912, at the Postoffice of McPherson, Kansas, under act of July 16, 1894.

Greetings from the President



DEAR FRIENDS:

McPherson College invites you to become one of us.

We are called "The Friendly College." We try to live as a friendly family. We work, play, and grow together; we seek to prepare for a rich and serviceable future.

We invite you to examine this catalog thoroughly. Examine both the general and the specific offerings of McPherson College. If you decide that McPherson is where you wish to enroll we will undertake to help you.

Secure a liberal education

Deepen and enrich your personality

Prepare yourself for a rewarding vocation

Broaden and strengthen your religious understandings

Make friends.

Come and look us over. Meet our teachers, mingle with our students, participate in our activities. We believe you will like McPherson College.

We invite you to choose our campus as your college home.

D. W. Bittinger, President

McPherson College



Sharp Hall

The Friendly School

1953 CALENDAR 1953

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	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28
25	26	27	28	29	30	31								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	2	3	4						1	2				1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13			
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20			
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27			
26	27	28	29	30			24	25	26	27	28	29	30	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	2	3	4						1	2				1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12		
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19		
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26		
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30					
							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		
					29	30	31	1	2	3	4	5	6	7				1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12		
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19		
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26		
25	26	27	28	29	30	31	29	30						27	28	29	30	31				

1954 CALENDAR 1954

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	2						1	2				1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13		
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20		
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27		
24	25	26	27	28	29	30	28							28	29	30	31					
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	2	3	4						1	2				1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12		
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19		
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26		
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30					
							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	2	3	4						1	2				1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11		
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18		
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25		
25	26	27	28	29	30	31	29	30	31					26	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	2	3	4						1	2				1	2	3	4	5
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11			
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18			
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25			
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31				
31																							

Calendar

1953-1954

- June 2—Tuesday, 8:00 a. m., Enrollment for 1953 Workshops.
- June 2—Tuesday, 9:00 a. m., Workshops convene.
- June 6—Saturday, 12:00 a. m., Workshops close.
- June 8—Monday, 8:00 a. m., Enrollment for Summer Session, 1953.
- June 9—Tuesday, 7:20 a. m., Summer Session classes convene.
- July 31—Friday, 12:00 noon, Summer Session closes.
- September 4, 5—Friday and Saturday, Faculty Retreat.
- September 7, 8, 9—Monday, Tuesday, and Wednesday, Freshmen orientation and enrollment.
- September 7, 8, 9—Monday, Tuesday, and Wednesday, Enrollment of upper classmen.
- September 10—Thursday, 7:45 a. m., Classes convene.
- September 10—Thursday, 9:35 a. m., Opening address.
- November 15, 16, 17, 18, 19—Sunday through Thursday, Regional Conference.
- November 25—Wednesday, 5:00 p. m., Thanksgiving Recess begins.
- November 30—Monday, 7:45 a. m., Thanksgiving Recess ends.
- December 18—Friday, 5:00 p. m., Christmas Recess begins.
- January 4—Monday, 7:45 a. m., Christmas Recess ends.
- January 15, 18, 19, 20—Friday, Monday, Tuesday, Wednesday, Final Examinations for first semester.
- January 21, 22—Thursday and Friday, Enrollment for second semester.
- January 25—Monday, 7:45 a. m., Classes convene.
- April 9—Friday, 5:00 p. m., Easter Recess begins.
- April 20—Tuesday, 7:45 a. m., Easter Recess ends.
- May 14—Friday, All Schools Day.
- May 25, 26, 27, 28, Tuesday, Wednesday, Thursday, Friday, Final Examinations.
- May 29—Saturday, 10:00 a. m., Class Day exercises.
- May 29—Saturday, 6:30 p. m., Alumni Banquet.
- May 30—Sunday, 7:30 p. m., Baccalaureate.
- May 31—Monday, 10:00 a. m., Sixty-sixth Annual Commencement.
- June 1—Tuesday, 8:00 a. m., Enrollment for 1954 Workshops.

General Information



SHARP HALL.

Location And Accessibility

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

Four railroads and two national highways make McPherson easily accessible from all directions. The El Paso division of the Rock Island system brings several fast trains daily. A branch of the Santa Fe connects the city with the main line at Florence and Ellinwood. A branch of the Union Pacific runs to Salina, and another of the Missouri Pacific to Newton and Eldorado. U. S. Highway 81, from Canada to Mexico, and U. S. 60N both pass through the city.

History

In 1887 the contract was let for the building of Fahnstock Hall, the first definite step toward the development of what is now McPherson College. The action followed a meeting of the Annual Conference held in May of that year at Ottawa, Kansas, at which time it was decided to establish a Brethren college in the State of Kansas. So enthusiastic was the response to this decision that seventeen locations throughout the state were offered as sites for the new school.

Contents

Directory	6
Academic Calendar	6
General Information	7
Purpose and Aims	11
Expenses	14
Material Equipment	21
Student Personnel Service	28
Important Events and Services	35
The Alumni Association	37
General Regulations	38
The College	40
The Division of Natural Sciences	60
The Division of Social Sciences	73
The Division of Languages, Literature, and Arts	93
Board of Trustees	107
Faculty	110
Honorary Degrees	119
Student Directory	116
Application for Admission	121
Physical Examination Blank	122
Index	124

Directory

Requests for more detailed information should be sent to McPherson College, McPherson, Kansas, and addressed as follows:

Admissions	The Director of Admissions
Advanced Standing	The Registrar
Curricular Opportunities	The Dean
Expenses	The Business Manager
General College Information	The Director of Public Relations
Placement Service	The Placement Secretary
Room Reservations	The Director of Admissions
Scholarships	The Director of Admissions
Student Work Opportunities	The Placement Secretary
Transcripts of Record	The Registrar

went forth as our pioneer missionaries in India. McPherson College is striving to be a worthy successor of Mt. Morris College and to serve adequately the people who now look to McPherson for education and leadership.

SOME SIGNIFICANT DATES

- 1887—School Committee appointed at Annual Conference held at Ottawa, Kansas.
- 1888—Fahnestock Hall built, and foundation laid for Sharp Hall, Administration Building.
- 1888—First session of school.
- 1898—"McPherson College" became official name.
- 1898—Sharp Hall completed.
- 1906—Carnegie Library constructed.
- 1909—College Farm purchased.
- 1911—Alumni Gymnasium built.
- 1912—Board of Trustees increased to fifteen.
- 1913—Election of Trustees by District Conferences.
- 1915—Heating Plant completed.
- 1916—Arnold Hall constructed.
- 1917—Completion of \$225,000 endowment.
- 1919—Kline Hall built.
- 1921—Admitted to North Central Association of Colleges and Secondary Schools (1921-1927).
- 1922—Harnly Hall built.
- 1926—New College Church dedicated.
- 1927—Membership in the Association of American Colleges.
- 1928—Chapel enlarged and remodeled.
- 1935—Stadium built and Athletic Field modernized.
- 1936—Student Union Room constructed.
- 1937—Golden Anniversary observed.
- 1938—Physical Education and Health Building constructed.
- 1940—Readmitted to North Central Association of Colleges and Secondary Schools.
- 1941—Adoption of Teacher Retirement Plan.
- 1942—Dedication of New Fahnestock Hall.
- 1943—Dedication of Frantz Industrial Arts Building.
- 1946—The \$100,000.00 Endowment and Debt Liquidation Campaign completed with a total income of \$108,531.87.
- 1946—Membership in American Council on Education.
- 1947—Adoption of Faculty Leave Plan.

went forth as our pioneer missionaries in India. McPherson College is striving to be a worthy successor of Mt. Morris College and to serve adequately the people who now look to McPherson for education and leadership.

SOME SIGNIFICANT DATES

- 1887—School Committee appointed at Annual Conference held at Ottawa, Kansas.
- 1888—Fahnestock Hall built, and foundation laid for Sharp Hall, Administration Building.
- 1888—First session of school.
- 1898—"McPherson College" became official name.
- 1898—Sharp Hall completed.
- 1906—Carnegie Library constructed.
- 1909—College Farm purchased.
- 1911—Alumni Gymnasium built.
- 1912—Board of Trustees increased to fifteen.
- 1913—Election of Trustees by District Conferences.
- 1915—Heating Plant completed.
- 1916—Arnold Hall constructed.
- 1917—Completion of \$225,000 endowment.
- 1919—Kline Hall built.
- 1921—Admitted to North Central Association of Colleges and Secondary Schools (1921-1927).
- 1922—Hurns Hall built.
- 1926—New College Church dedicated.
- 1927—Membership in the Association of American Colleges.
- 1928—Chapel enlarged and remodeled.
- 1935—Stadium built and Athletic Field modernized.
- 1936—Student Union Room constructed.
- 1937—Golden Anniversary observed.
- 1938—Physical Education and Health Building constructed.
- 1940—Readmitted to North Central Association of Colleges and Secondary Schools.
- 1941—Adoption of Teacher Retirement Plan.
- 1942—Dedication of New Fahnestock Hall.
- 1943—Dedication of Frantz Industrial Arts Building.
- 1946—The \$100,000.00 Endowment and Debt Liquidation Campaign completed with a total income of \$108,631.87.
- 1946—Membership in American Council on Education.
- 1947—Adoption of Faculty Leave Plan.

- 1947—A \$500,000 Expansion program launched to include \$300,000 for Buildings and \$200,000 for Endowment.
- 1947—Employment of Alumni Secretary.
- 1948—Amount received in the Expansion Program \$200,000.
- 1949—Forney Heating Plant built.
- 1950—Gift of the President's Home.
- 1950—Membership in National Commission on Accrediting.
- 1950—Student Court Inaugurated.
- 1951—Social Security for College Instructors Inaugurated.
- 1951—Dedication of Beeghly Library.
- 1951—Dedication of J. S. Dell Rural Life Laboratory.

Control of the College

McPherson College is the property of the Church of the Brethren and is under the control of a board of twenty-four trustees elected as follows: sixteen are elected by as many state districts of the church; one is elected by the Alumni Association; the Board of Trustees elects six who, along with the President of the college, constitute an Executive Committee; one is elected by the Board of Trustees from the general citizenship of McPherson from nominations by the Executive Committee; the President of the college is a trustee, *ex officio*. The alumni trustee and the trustee elected from the citizenship of McPherson need not be members of the Church of the Brethren.

The state districts electing one trustee each are: Colorado; Idaho, and Western Montana; Middle Iowa; Northern Iowa, Minnesota, and South Dakota; Southern Iowa; Northeastern Kansas; Northwestern Kansas; Southeastern Kansas; Southwestern Kansas; Middle Missouri; Northern Missouri; Southern Missouri and Arkansas; Nebraska; North Dakota and Eastern Montana; Oklahoma, Panhandle of Texas, and New Mexico; Texas and Louisiana.

The Committee on Higher Education in the Christian Education Commission of the General Brotherhood Board of the Church of the Brethren has a supervising control over all the colleges of the church.

Accreditation

McPherson College is accredited by the State Department of Education of Kansas, by the University of Kansas, and is a member of the North Central Association of Colleges and Secondary Schools. This accreditation by the North Central Association assures the graduates of the college recognition of their credits throughout the United States. The college is also a member of the Association of American Colleges, the Conference of Church-Related Colleges, the American Council on Education, and the American Accrediting Association.

Purpose and Aims

McPherson College is a liberal arts college conducted under the auspices of the Church of the Brethren. While it is owned by the members of the Church of the Brethren in the Western Region it is pleased to open its doors without distinction or discrimination to all who come. It particularly seeks to serve the general public in Kansas, especially its local community in and surrounding the City of McPherson.

A LIBERAL EDUCATION

A liberal education focuses its attention on the individual student. It interests itself in his relation to society and undertakes to help prepare him to live well in all his relationships. It seeks to help him to learn what the good life is and how to achieve it for himself; it aims to give him both breadth and depth of human understanding; it interests itself in making of the student a good citizen; it seeks to give him backgrounds of understanding and outlook to prepare him for his vocation or profession.

As an outcome of liberal education the college seeks to develop in its graduates (1) a measure of scholarly attainments, (2) some mastery of the techniques and tools of further learning, (3) the ability to think clearly, logically, and critically, (4) more profound insights, (5) finer moral discernment and aesthetic sensitivity, and (6) a loyalty to truth in all realms of life.

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

RELIGIOUS DEVELOPMENT

McPherson College is a Christian college and as such it aims (1) to lead students to an intelligent understanding of the basic doctrines of the Christian religion, (2) to lead students into a Christian outlook on the universe, (3) to develop a Christian philosophy of life, (4) to deepen the devotional life, (5) to teach the ethical ideals of the Christian religion, and (6) to inspire students to Christlike living.

Toward the achievement of these ends the college employs men and women as teachers and administrators who are themselves Christian. It offers courses in the Bible, church history, ethics, philosophy, and comparative religion which provide the intellectual foundation

for the Christian faith. It conducts worship programs in the chapel and cooperates with the church in promoting the devotional life. It promotes student Christian organizations, brings to the campus religious leaders for addresses and conferences, and through personal contacts and guidance it aims to be of help in developing the religious life of students.

OCCUPATIONAL PREPARATION

McPherson College is committed primarily to a liberal arts program, but such a program has occupational significance. Every student of the college is urged to develop an occupational or professional direction early in his college career, and to build a program of studies, including liberal arts, professional, and pre-professional courses, that will enable him to attain his goal in the most effective manner possible. In addition to the liberal arts studies that a student may take in preparation for his profession or occupation, the college provides certain other courses that may be regarded as more distinctly professional or occupational. Among these are courses in education, home economics, industrial arts, business administration, stenography, music, and art. In its Rural Life emphasis the college seeks to prepare both men and women for efficient and progressive farm life and for significant rural leadership. Special attention is given to teacher education. By means of special curricula, selective devices, and guidance, students are prepared for certification which enables them to teach in both elementary and secondary schools.

PERSONAL DEVELOPMENT

Because life is integral, it is important that a cultivated mind be supported by a sound body, that there be social competence, a sense of social responsibility, and growth in personal character. These should lead into commitments for Christian homebuilding and Christian vocation.

Health, Physical Education, Athletics, Recreation: It is the aim of the college to assist the student in developing himself physically and socially through a program of physical education, recreation, and athletics. Guided by physical examination and the student's individual interest, an effort is made to get each student to participate in some form of intercollegiate or intramural sport for the purpose of both physical and social development and adaptation. Special instruction is offered in individual and group sports and in recreation. Instruction is given also in physiology, individual health and family health. A program of intercollegiate athletics is sponsored as an integral part of the college program. It seeks to aid in the physical and social development of those who participate, and to cultivate, both in the participants and in the entire school, a sense of fair sportsmanship, fair play, and wholesome competitiveness. The physical education and athletic program contributes also to an occupational aim in that it helps to prepare teachers

of physical education and to train coaches. Our ultimate aim in this area is to produce better citizens rather than super athletes.

Social Competence: Since the happiness and effectiveness of the individual is affected by his social competence, the college seeks to aid students to overcome social handicaps through general instruction, personal conferences, and opportunities for social participation in varied activities.

Social Responsibility: It is the aim of the college to create within its students a sense of social obligation and of social concern for the welfare of humanity. The whole life of the college is permeated with the Christian ideal of service as the worthiest aspiration as well as the deepest source of satisfaction in life. Courses in religion and the humanities especially tend to strengthen this purpose. The records of many of its graduates inspire to that purpose.

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

Christian Vocation: The college seeks to lead its students to make vocational commitments to the general betterment of our society and of the world. It seeks to assist them to carry into whatever occupation they choose an earnest desire to make that vocation a significant avenue of Christian service to their fellowmen.

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

Semester Expenses

Tuition

Regular College Course, each semester hour	\$ 11.00
Private lessons in Music:	
Piano, Voice, or Violin, one ½ hour lesson each week	30.00
Elementary and high school students, 16 lessons	20.00
Organ, one ½ hour lesson each week	25.00

Appointment Classes (For all classes of less than five students):

It is not the policy of the college to offer courses to less than five students. All classes of less than five students must meet the approval of the Curriculum Committee and the Administrative Committee. If in the light of the teacher load, graduation requirements, and requirements for majors the class cannot be declared regular, then it may run at the following tuition rates:

One student, each semester hour	\$15.00
Two students, each semester hour	14.00
Three students, each semester hour	13.00
Four students, each semester hour	12.00

Board and Room

E. and R. Dotzour Hall, Fahnstock Hall, room	\$ 55.00
Arnold Hall, Kline Hall, room	50.00
Kline Hall, suite of two rooms, each semester	128.25

Meals are served in the college cafeteria. The student may determine the cost of his meal by the type and amount of food he chooses. During the past year the average cost of meals has ranged from seven to ten dollars a week.

Matriculation

To cover expenses of records, necessary files, and so forth, each student, when first enrolling for regular class attendance, is charged a fee of \$5.00.

Incidental

An individual fee of \$15.00 each semester is charged each regularly enrolled college student. This charge covers library privileges, health service, admission to athletic contests, choral and instrumental concerts, all-school plays, Student Council activities, including The Growl—the student handbook, Spectator—the student newspaper, and Quadrangle—the student annual. The Quadrangle is included only

when the student is enrolled both semesters. An additional payment is required of one-semester students.

Semester Laboratory Fees

Biology: General Biology, Bacteriology, Botany, Physiology, Embryology, Ornamental Gardening, Zoology	\$ 2.00
Comparative Anatomy, Histology	5.00
Chemistry	\$5.00 first 2 hours, \$2.00 each additional hour
Educational Tests and Measurements	3.00
General Physical Education	1.00
Home Economics: Fundamentals of Clothing, Tailoring, Applied Dress Design, Textiles	3.00
Foods and Dietetics	2.50
Experimental Cookery, Quantity Cookery, Nutrition	2.00
Industrial Arts: Woodworking Problems, Arts and Crafts Metal Lathe, Wood and Metal Finishing, Problems in Industrial Arts, Farm Building Construction	3.00
Advanced Woodwork and Design, General Shop, Farm Shop, Farm Mechanics, Bench Metal, Farm Power, Auto Mechanics	4.00
Acetylene Welding, Advanced Welding, Arc Welding	5.00
Instruction Methods, Materials, and Observation	3.50
Office Practice	2.50
Physics: General Physics, Advanced Physics	3.00
Astronomy, Physical Science	1.00
Play Production	2.00
Practice Organ	12.50
Practice Piano, two hours a day	6.00
Practice Piano for Voice, one hour a day	3.00
Supervised Student Teaching, each semester hour	2.50
Typewriting	5.00
Ceramics	5.00

Special Fees

Placement Bureau enrollment or re-enrollment	\$ 5.00
Placement Bureau appointment	5.00
Auditing courses, each semester hour	3.00
Chemistry breakage deposit	2.00
Graduation	10.00
Late registration	2.00
Change of enrollment (after first full week of classes)	2.00
Special examination	2.00
Transcript of credits (first one free)	1.00

Estimated Expense

The following estimate indicates the probable expense to the average student including tuition, board and room, and fees for the school year. It does not include class dues and miscellaneous personal expenses.

DOTZOUR HALL, ARNOLD HALL, FAHNESTOCK HALL, AND KLINE HALL

Tuition, 30 semester hours	\$330.00
Incidental Fee	30.00
Laboratory Fees	15.00
Books and Supplies	40.00
Board	300.00
Room	\$100.00 to \$110.00
Total for the year	\$815.00 to \$825.00
Total if suite of rooms is occupied	8671.60

Because of possible fluctuations in prices the management reserves the right, if necessary, to change the above prices during the year.

The college, in cooperation with nearby residents, assists students further with self-help and rooming and boarding opportunities.

Terms

Expenses must be paid, or arrangements be made for payment, with the Business Manager during the registration days of each semester. At least one-half of the semester account is due at the beginning of each semester and the remainder at the end of nine weeks. Class admittance cards will be issued only when this has been done. Failure to meet any terms arranged with the Business Manager will result in cancellation of the student's enrollment until payment has been made.

No student who is delinquent in the payment of any fee, account, or note due the college will be given a diploma of graduation or a transcript showing scholastic standing until such indebtedness has been fully paid.

DISCOUNTS AND REFUNDS

A discount of two per cent will be given if the entire bill for the semester is paid in cash within ten days following registration. Parents or guardians should send the required payments in advance, or make satisfactory arrangements in order to avoid delayed class attendance.

Refunds of tuition and room rent will be made on the following basis; 20% will be refunded if withdrawal is made during the second week, and for each succeeding week the refund will be decreased by 10%. After ten weeks of the semester have elapsed, no refunds will be

made. Fees are not subject to refund. No refund, or adjustment will be made unless authorized by the President, or by the Dean in the absence of the President.

ROOM RESERVATION

Students may reserve rooms in the dormitories in advance of the opening date by depositing a fee of \$10.00. Credit will be given on room rent for this amount at the time of enrollment. If rooms are no longer available in the dormitories, students will be located in desirable private homes, and the paid fee will assure the students of rooms in the dormitories in the order in which their names appear on the waiting list.

Because of the acute housing situation, a room reservation fee will be refunded only if the request is received before August 10.

ROOM DEPOSIT

A contingent fee of \$5.00 is charged each student rooming in the dormitories. At the end of the school year, after charges are deducted for any unnecessary damage to the room or furniture and for excessive use of electricity, the remainder will be refunded.

A charge of \$1.00 each semester is made for approved electrical appliances in dormitory rooms.

Student Aid

The college makes an effort to give help to deserving students who are unable to meet all the regular charges. There are four forms of such aid: (1) scholarships, (2) grants-in-aid, (3) assistantships, (4) loan funds, (5) employment opportunities. Aid can be continued to students only when scholarship and conduct are satisfactory.

Applications for student aid should be filed as early as possible.

Loan Funds

Loan funds have been established at McPherson College by a number of people and organizations to assist young men and women who are preparing for service in distinctive social and church work.

Loans available to men and women provided by:

- Elder and Mrs. E. B. Hoff
- Beatrice Assembly
- North Dakota BYPD
- Northeastern Kansas BYPD
- Minnesota BYPD
- Southeastern Kansas BYPD
- Dr. W. C. Houston
- C. E. Davis
- Mrs. E. E. Greenough

Frank Rhodes

Loans available to women provided by:

Miss Della Hoerner

John Samuel Evans Memorial

Mrs. Elizabeth Keener

Mrs. Sarah Witmore Harnly

The Christian Education Commission of the Church of the Brethren has a student rotary loan fund made available for worthy students. Application for a loan from this fund must be made through the college.

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

The Church of the Brethren Youth Fellowship of Southeastern Kansas has established a loan fund for worthy students of that district. This is a growing fund. Each year the young people of the district add to the amount of the fund.

The college has now established a student loan fund of considerable proportions from which students may secure reasonable sums provided they can give adequate security.

Employment Opportunities

There is some opportunity for students to earn money both at the college and in the town of McPherson. The dining hall supplies work to a number of women and a few men. There is janitorial work for fifteen or twenty students, mostly men. A number of students find clerical work in the college offices, and a few work in the library. In addition to this many of our students find work in private homes, stores, gas stations, garages and restaurants in McPherson. The college operates an employment bureau to help students to find work; it urges, however, that the student seek only enough employment to meet college expenses and reserve all the time possible for studies.

Scholarships

Honor Graduate Scholarships

McPherson College offers annually a limited number of scholarships to high ranking graduates of high schools and junior colleges. Application blanks may be secured from the President upon request.

Upper Class Scholarships

The college also offers scholarships to two McPherson College sophomores and two juniors each year for the succeeding year in McPherson College. These are valued at \$50.00 each. Scholarship standings are evaluated on the basis of three semesters and five semesters of college work respectively.

University Scholarships

Leading universities offer annually scholarships which vary in value from \$500.00 to \$1,500.00. Members of the senior class possessing proper qualifications will be recommended for these.

Memorial Endowment Scholarships

Endowment funds making scholarships available to worthy students have been provided in memory of:

Virgil Meyers Berkebile	\$1,200.00
Walter E. Berry	1,500.00
Earl Eby Curtis	1,200.00
Glen Donald Austin	1,500.00
Samuel Theodore Elrod	5,000.00

Music Scholarships

Two scholarships are offered in piano, two in voice, and one in instrumental to students who are recommended by the Music Department.

International Scholarships

Scholarships, up to twelve, are made available to International or Foreign Students. These are for tuition only and are awarded by the Administrative Committee.

Grants-In-Aid*Ministerial*

On the recommendation of the Christian Education Commission of the Church of the Brethren and in cooperation with our other church colleges, ministerial grants-in-aid equivalent to one-third of the regular college tuition are granted to juniors and seniors who are preparing definitely for the ministry or mission field. Grants-in-aid of the same amount are available to unmarried children of active pastors of the Church of the Brethren or to children of those who are otherwise engaged in full time Christian service. *No student is entitled to more than one scholarship or grant-in-aid from the college at the same time.* These Scholarships and grants-in-aid do not apply on summer school work.

Family

When there are two regularly enrolled students from the same family and neither has received a scholarship from the college, one will be given a discount of 15% on tuition. When there are three regularly enrolled students from the same family and none has received a scholarship from the college, a 15% discount on tuition will be given to one and 25% to another. Wife or husband of a regularly enrolled student will be given a 15% discount on tuition if enrolled as a special student.

Other

Distance discounts of \$20.00 each semester are allowed regular college students whose homes are beyond a radius of 800 miles from McPherson,

and within the college region. This is interpreted to include Idaho and Montana.

Assistantships

Several departments of the college employ student assistants for laboratory service, for reading and checking papers, etc. The students are usually selected from the upper classes and must be students of high scholastic standing. The library uses some student assistants.

All appointments are made for one year and are conditioned on satisfactory service and the approval of the Administrative Committee of the college.

Material Equipment



HARNLY HALL

Harnly Hall

Harnly Hall, erected in 1922, is a four-floor edifice, 128 by 54 feet, built of reinforced concrete and brick. All of the science departments are housed in this commodious structure, as are also the Departments of Philosophy and Religion, Music, Modern Languages, Social Sciences, and the Museum.

Sharp Hall

This building houses the administrative offices, chapel, student union room, regional office, snack room, book store, little theater, commercial hall, and several recitation rooms. It is a three-floor building, 94 by 117 feet, completed in 1898.

The Beeghly Library

The original library was a two-floor building erected in 1906, as a gift of Mr. Andrew Carnegie. The library is well equipped with a valuable store of books, arranged in accessible stacks according to the Dewey decimal classification. New additions are carefully selected each year, thus keeping the collection up to date and suited to curricular needs. Encyclopedias, dictionaries, and other general reference works are shelved on the walls of the reading room where they can be easily consulted.

Current magazines include many journals which deal directly with subjects covered in the curriculum, in addition to periodicals of general interest. The Reader's Guide to Periodical Literature makes the material in back numbers of magazines readily available.

A great deal of pamphlet material is catalogued and kept in the Vertical File. Each student is introduced to the library and helped to become fully acquainted with the library resources. The library is open daily during the school year. A well trained librarian is in charge.

Recently the Library has undergone complete renovation and reconstruction through the generous aid of Milford J. Beeghly of Iowa. This greatly enlarged library will expand broadly the library service to both students and faculty. The Dedication of the new Library took place on November 14, 1961.

Arnold Hall

The women's dormitory, erected in 1916, is a substantial, four-floor structure of pressed brick, trimmed in Bedford limestone. There are cafeteria facilities for all students on the campus, reception rooms, the housemother's rooms, and thirty-three student rooms. Each room is equipped with two single beds. A competent housemother is in charge of this home for women, and she devotes her time to their comfort and welfare.

Fahnestock Hall

Fahnestock Hall was dedicated February 24, 1942, and has adequate accommodations for the head residents and sixty-two men. There are two single beds, two study tables, two straight chairs and an occasional chair in each room. The wardrobes and dressers are built into the walls. The heat is furnished by an individual gas unit, and the building is of fireproof construction. Part of the second floor contains a student lounge and office, and living quarters for the head resident.



ARNOLD HALL

Kline Hall

This dormitory, erected in 1919, is a three-floor brick building containing eight suites of two rooms each and bath for married students, and nine single rooms for unmarried women. Each of the nine rooms has two single beds. A head resident is in charge.

Athletic Field

The Athletic Field was constructed in 1935. It is located in the north part of the campus and is composed of a well drained, Bermuda grassed football gridiron, a quarter mile track, and available space for playground ball, soccer, archery, and many other group games. The field is equipped with a splendid lighting system for night football games and track and field meets. A stadium type stand, located on the west side of the field, accommodates 1200 spectators, and bleachers and extra seats, located on the east side, increase the seating capacity to more than 2000. Three concrete tennis courts were built north of Harnly Hall in 1946, and a playing field north of the tennis courts was provided in 1948 and improved in 1952.



PHYSICAL EDUCATION BUILDING

Physical Education and Health Building

The Physical Education and Health Building was erected in 1938. It has offices, a classroom, a game room, showers, dressing rooms, and a large, well lighted gymnasium with hardwood floor and good equipment. Extensive improvements were made in 1950, including a very fine locker and equipment room with additional showers.

This modern, physical education building offers excellent opportunity for a thorough program of physical and health education for all students.



FARNESTOCK HALL

Frantz Industrial Arts Building

Frantz Industrial Arts Building was dedicated February 23, 1943. It was named in honor of the Frantz' who have attended McPherson College and who largely financed its construction. This building is of stone construction and is equipped with tools for cabinet making, welding, turning, machine work, and general shop work. Recent additions have greatly enlarged the scope of the offerings. Art and craft work is also taught in this building.

J. C. Dell Rural Life Laboratory

A new stone structure connected to the Frantz Industrial Arts Building was constructed in 1950-51. The building will serve as a laboratory for the expanding Rural Life Program of the college and will help to make very practical the instruction in that field. This laboratory has a large entrance through which tractors, combines, and other modern implements can be driven. It was made possible mainly through the generous help of J. C. Dell of Nebraska.

F Forney Heating Plant

In 1949 a new brick heating plant was completed. It was named for Frank W. Forney who has served the college faithfully for many years as Caretaker and Superintendent of Buildings and Grounds. It contains two large boilers with sufficient capacity to heat the present college buildings and several others which may eventually be built upon the campus. This building contains automatic washers and a dryer for the convenience of students.

Laboratories

BIOLOGY

The biology laboratories of McPherson College are exceptionally well equipped. Most of the equipment is new and in every way modern and up to date. Some of the more expensive pieces consist of the following: thirty-one compound microscopes, several with oil immersion lenses; two microprojectors, rotary and sliding microtomes, aphygmanometer, stethoscopes, haloptican, sterilizer, two electric incubators, balances, a number of splendid mounted skeletons, including a human, numerous Jewel and other models for both animal and plant forms, human torso and head model, projectors for 2" x 2" and 3½" x 4" slides, also access to a movie projector. Hundreds of microscopic, kodachrome, and other slides are owned by the department.

The department owns a library that is available to students at all times. The laboratory tables are lighted with fluorescent lights, and provide excellent facilities for work. Numerous charts and preserved specimens of both plant and animal forms are available for demonstration and class use.

CHEMISTRY

The Department of Chemistry occupies the first floor of Harnly Hall. The laboratories are modern in service facilities and equipment and have accommodations for 118 students in freshman chemistry and 52 students in advanced courses. In addition, there is a private laboratory for conducting research projects. Laboratory equipment includes such items as water, gas and electrical connections, fume hoods, centrifuges, analytical balances, ovens, and physical chemistry apparatus. The departmental lecture hall seats 150 students and the classroom, 25 students. The department possesses an excellent chemical library donated by Dr. J. W. Hershey, whose work on synthetic diamonds in these laboratories is well known.

GEOLOGY

The department possesses a complete set of crystal models imported from Germany and a collection of minerals, rocks, and fossils, sufficient to illustrate the fundamentals of the science. The collections are especially rich in local minerals, rocks, and fossils.

HOME ECONOMICS

The department is equipped for general class and laboratory work. The courses of instruction are planned to meet the needs of those who desire a knowledge of the facts and general principles of home economics, and who wish to major in home economics for the purpose of teaching the subject in the secondary schools; those who wish to prepare for dietetics work and to do home demonstration work; and those who wish to prepare to do graduate work in special fields. Courses are also planned to meet the needs of those who desire to become expert homemakers, and situations are set up in which the students get practical experience in this phase of the work.

INDUSTRIAL ARTS EDUCATION

The Industrial Arts Department is housed in the Frant Industrial Arts Building. A new addition to the building provides laboratory space for the Rural Life Program.

The curriculum of instruction is planned to meet the needs of those who desire a knowledge of the industrial field, those who wish to major in industrial arts for the purpose of teaching industrial arts in high school, those who wish to do practical work around the home and the farm, and those who desire to go into advanced work on the graduate level. Equipment is provided for academic and laboratory work.

PHYSICS

All the necessary apparatus is at hand for the courses offered in physics. The laboratory is equipped with an excellent four-inch astronomical telescope and a set of 100 astronomical slides including the

best and latest celestial photographs from the Yerkes Observatory. These lend interest to work in astronomy and make possible an intensive study of the heavens.

An X-ray machine has been given to the college by an alumnus, Dr. George J. Goodbelle, Physician and Surgeon of Marion, Kansas.

The Museum

McPherson College possesses an excellent college museum. Many friends of the institution have contributed or lent specimens. The collections include rare and valuable fossils, Indian relics, birds and bird eggs, and many valuable meteorites besides a very large number of historic relics and souvenirs. It is housed on the fourth floor of Barny Hall.

Persons who know of specimens which should be preserved in such an institution should communicate with Dr. R. E. Mobler, curator.

Student Personnel Service

Counseling

The change from high school and home to college life, sometimes involves difficulties of transition. A personnel service under the supervision of the Personnel and Counseling Committee, composed of the Dean of Students, the Dean of the College, the Dean of Women, the Dean of Men, and other members appointed by the President, is provided to assist and guide students through college and into the business and professional world.

Scholarship, as it is usually interpreted, is not enough. Health, emotional balance, personality adjustment, and economic intelligence, religion, and vocational purpose are high values in any individual. A personnel program with complete counseling service is imperative in modern college education.

A special effort is made to orient freshmen and new students to college life. During the first week many faculty members and upper-class students direct a program to help freshmen become acquainted with each other, with older students, with faculty members, and with the general life of the college. During the first nine weeks the new students are given an introduction to the meaning of a liberal education, to the areas of professional work and business for which McPherson College can prepare them, and to techniques for receiving the most from a college experience.

Some tests are required and many others are optional to the student. All freshman and sophomore students are assigned to counselors. Assignments are made on the basis of the interests, the objectives, and the professional goals of the student. The counselor may be changed upon a student's request. Juniors and seniors are assigned to their major professors.

All members of the Personnel and Counseling Committee and all other faculty members offer their time freely to counsel any student concerning his educational objective, vocational purpose, emotional balance, personality adjustment, and religion, or to have just a friendly conference.

Health

The health service of the college is under the supervision of the School Nurse. The scope of the health service is as follows:

1. To pay for three calls for each student at a physician's office

and one residence call. All calls must be approved in advance by the School Nurse or the Housemother of Arnold Hall.

2. To pay \$5.00 per day for use of a room in the McPherson County Hospital for three days each semester, subject to approval in advance by the School Nurse.

3. To give first aid treatment at any time.

4. To supervise and maintain general sanitary conditions and health influences.

5. To advise and refer for specialized medical care any student needing such attention.

6. To give advice in matters concerning personal health and hygiene.

All other office calls, examinations, medicine, X-rays, and special treatments must be paid by the student.

Testing Service

During the period of orientation, English, psychological, and personality tests are administered to all freshmen. Results from these tests are made available to all counselors to be used at their discretion in counseling students.

Students interested in exploring their capacities and in securing vocational, educational, or professional guidance will be given suitable tests and interpretations of the results by making application to the Personnel and Counseling Committee.

Moral and Religious Influences

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

An environment favorable to these aims is provided by the City of McPherson with its many live churches, its Y. M. C. A., and its emphasis on things cultural and religious.

Furthermore, various organizations and activities which are helpful in the sphere of religious life are functioning at the college. Devotional exercises for the entire school are conducted at the chapel. The Chapel Choir assists in these services. Able Christian leaders are brought to the campus for addresses and personal conferences.

Another outstanding event of the school year is the Regional Conference at which time students may contact inspiring and informing Christian leaders of national reputation. The Student Christian Association, in its general assemblies, discussion groups, and other activities, gives opportunity for expression along religious lines.

This cosmopolitan organization is doing much to make religion felt on the campus.

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

The teachers, who always determine the religious tone of an educational institution, are Christian men and women; their daily work is permeated by the Christian spirit. Many students discuss their religious problems with their teachers in personal interviews. The college church, adjoining the campus, together with the churches of the city, provides opportunities for Sunday School, preaching services, and young people's meetings each Sunday. The moral tone of the student life is of a high order.

Employment Services

Student employment is interpreted to mean any activity engaged in by the student for remunerative purposes. The student employment is divided into campus employment and off-campus employment. Campus employment consists of kitchen and dining room, janitor, assistant, office, and campus work. It is secured by making application to the Office of Admissions. The off-campus work consists of regular part-time work in the city, work in homes for room and board, or board, or room, and irregular part-time work off the campus. It is usually secured by making application at the college employment bureau. McPherson College has been fortunate in being able to aid the majority of students who need work to find it.

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 is not limited to parties, or training on rules of etiquette; but in a wider sense, it seeks to stimulate students through study and direct experience, to gain for themselves a pattern of values which will give meaning and direction to life.

A beautiful social room, known as the Student Union Room, has been provided in Sharp Hall. There are lounges in the dormitories, in which students meet their friends during leisure hours. Many informal parties and a few formal activities are planned, in order that students may feel culturally at ease in all types of social life. The social life is under the general administration of the Social Committee composed of faculty members and students.

Placement Bureau

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

Extra-Curricular Activities

EXTRA-CURRICULAR activities are understood to be those organized activities in which students participate outside of the classroom. The purpose is to provide opportunities for spontaneous self-expression on the part of the students in fields of special interest that are correlated with, and supplementary to, the curriculum, and in harmony with the general educational purposes of the college. The Personnel and Counseling Committee of the faculty is the general supervising agency. In addition, each organization has a faculty sponsor who attends all meetings and aids in planning the year's program, budgeting funds, and keeping accurate accounts and records. All treasurer's books are audited monthly by the Business Office. The books of all secretaries and treasurers are filed in the Business Office during the summer.

All students are urged to participate in extra-curricular activities; yet they should consider wisely, in light of their interests and needs, the nature and number of activities. The Personnel and Counseling Committee studies the academic and extra-curricular load of each student, his work for self-support, together with the data concerning health and other interests, and suggests whatever adjustments seem necessary to assure the welfare of the student and the organization.

STUDENT PUBLICATIONS

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

The Quadrangle, a student yearbook, is also prepared as an extra-

curricular activity. The editor and the associate editor head the editorial staff, a new associate editor being selected each year. The business manager and the assistant business manager of this publication also get practical experience in advertising and business.

GOVERNMENTAL ORGANIZATIONS

The Student Council is the governing power of the student body. The council is composed of a president and a treasurer, elected by the student body; the treasurer of the previous year; one man and one woman from each of the four classes; one man and one woman representing the extra-curricular activities; the Dean of Students; the Dean of the College; the Dean of Women; and the Dean of Men.

The council issues three publications: the Student Handbook, a compendium of information published for distribution at the opening of the school year; the Spectator, a campus newspaper; and the Quad-rangle, a student yearbook.

The organization administers and supervises the Student Union Room and the Snack Room, distributes the Student Council's share of the Incidental Fee, and cooperates with the Personnel and Counseling Committee of the faculty on all matters of concern to both students and faculty.

Students living in the dormitories have a large measure of self-government, administering college and dormitory regulations with the advice and assistance of the Housemothers, Head Residents, and Deans of Women and Men.

THE STUDENT COURT

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

MEN'S AND WOMEN'S COUNCILS

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

EXTRA-CURRICULAR ORGANIZATIONS

McPHERSON COLLEGE PLAYERS

This club is the official dramatic organization of the college. Membership is open to all who participate in the acting or stage work of any of the Little Theater productions. The group annually presents

two three-act plays and an evening of three one-act plays. Election to membership in the Alpha Psi Omega, National Honorary Dramatic Society, is awarded to those students who earn sufficient points in both acting and staging to merit the honor.

PI KAPPA DELTA

In this organization opportunity is given for those who desire to develop their speaking talents. Men's and women's debate teams and oratorical contests on peace, anti-tobacco, and prohibition are sponsored. Qualified students are eligible for membership in Pi Kappa Delta, National Honor Forensic Society.

Musical Organizations

THE QUARTETTE AND TRIO

These singing groups are carefully selected on the basis of a questionnaire, a placement test, and a series of ensemble try-outs.

The following groups are organized: College Male Quartette, College Ladies' Quartette, College Ladies' Trio and Pianist, and Freshman Male Quartette.

Each group will rehearse a period a day and will meet at least once a week with the instructor. Appropriate and varied materials will be prepared for use in churches and high schools, at conferences and civic gatherings, on the radio, etc. The groups will be expected to be ready and available for frequent public appearances on and off the campus.

The quartettes and trio offer *one-half* hour credit each semester in Vocal Ensemble.

THE A CAPPELLA CHOIR

As the name indicates, this choir specializes in the singing of unaccompanied choral literature. It is a highly selective choral organization whose members are chosen on the basis of maturity of voice and choral experience. It is limited to 36 voices. Regularity of attendance at rehearsals and performances is of utmost importance.

Students must be enrolled for at least 12 credit hours of school work to be eligible for membership in the A Cappella Choir. Members are expected to maintain their eligibility throughout both semesters of the school year.

The choir rehearses at least twice a week. It makes occasional appearances in the chapel and at the college church, participates in the Annual Christmas Musicale, presents a public concert in the early spring, appears on the program of the Annual Booster Banquet, and makes a tour each spring to churches of the college constituency.

The McPherson College A Cappella Choir has come to be regarded as one of the excellent choral organizations of its kind in this territory.

The A Cappella Choir offers *one-half* hour credit a semester in Vocal Ensemble.

THE CHAPEL CHOIR

This is a choir of about 36 voices, made up of the overflow of good singers who cannot be used in the limited ranks of the A Cappella Choir. It specializes in response and anthem materials appropriate for use in worship services. It rehearses twice a week and participates in the Wednesday chapel services. The contribution of the Chapel Choir to the interest and inspiration of the chapel services has come to be appreciated by students and faculty.

This choir makes occasional appearances at the college church and participates in the Annual Christmas Musicale. In recent years it has won for itself a new place of respect on and off the campus.

The Chapel Choir offers *one-half* hour credit a semester in Vocal Ensemble.

THE COLLEGE CHURCH CHOIR

This is a choir of about 32 voices, made up of college students who have an interest in church music and who wish to make a contribution to the worship services of the college church. These singers are chosen on the basis of a questionnaire and a placement test.

The choir rehearses once a week and participates in the worship services on alternate Sundays. Occasionally it appears for other services, and joins the local church choir for special antiphonal or two-choir numbers. It sings during Religious Emphasis Week, during Regional Conference, and participates in the Annual Christmas Musicale. The activities of this organization should provide worthwhile training and experience for church musicians.

Members of the A Cappella Choir or Chapel Choir who desire the practical experience in church music which the College Church Choir offers may participate without enrolling for credit, provided regularity of attendance is maintained. However, if they wish to do so, these singers may enroll for the additional *one-fourth* hour credit which the College Church Choir gives.

The College Church Choir offers *one-fourth* hour credit each semester in Vocal Ensemble.

CONCERT BAND:

This organization is open to all qualified instrumentalists upon consultation with the director of band. Concerts are scheduled at various times throughout the school year. Rehearsals are held at least three times per week, and *one-half* hour credit is offered each semester.

PEP BAND:

This is a small group recruited mainly from the Concert Band.

It plays music suitable for use at the athletic events as well as other college activities. Admission is by application to the director. Students enrolled in Pep Band receive one-quarter hour credit.

ORCHESTRA:

A string orchestra is open to all qualified string players upon consultation with the director of strings. A complete orchestra is organized for major productions of the music department such as opera and oratorio. Students enrolled in orchestra receive one-quarter hour credit.

PHYSICAL EDUCATION ACTIVITIES

ATHLETICS

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

"M" CLUB

Any man who is awarded a letter in any of these sports may become a member of the "M" Club.

W. A. A.

The Women's Athletic Association is open to all women students who participate in extra-curricular sports activities. The 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.

PEP CLUB

Membership consists of students interested in promoting better organized cheering and school spirit. The club assists the cheer leaders.

INTRAMURAL

Membership is composed of students who do not participate in the varsity sports. The purpose is to create interest in sports and to afford students who are not varsity athletes the opportunity for leadership in the field of athletics.

Important Events and Services

Regional Conference

The Regional Conference, which is held for four or five days in November, is a conference for ministers, Sunday School workers, young

people's directors, and all others interested in religious work. Outstanding speakers and leaders of national reputation are brought to the campus. It serves also as a period of religious emphasis for faculty and students of the college.

Regional Youth Conference

The youth of the region come together under the direction of capable leaders for inspiration and program planning.

High School Visitation

During the spring months, members of the student body and faculty sometimes visit the surrounding high schools to bring to their attention the opportunities which the college affords and to consult with students concerning their educational plans.

The Booster Banquet

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

Homecoming

Each year a homecoming celebration is sponsored by the alumni and the various organizations of the college. Special class reunions are arranged, a homecoming queen and attendants are selected by the students, a parade with appropriate floats is arranged by the college and the town. Several dinners or banquets grace the occasion.

Religious Emphasis Week

For one week each year a well known speaker leads the entire student body and the College Church in a religious emphasis. Both daytime and evening public meetings and individual or smaller group conferences are a part of the emphasis.

Open House

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

Musical Concerts

At appropriate times during the year special oratorios and non-

certs are presented by the musical groups. Students majoring in music give recitals to which the general public is invited.

Plays and Debates

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

All School Events

A formal Faculty Reception to the Students is held early in the fall.

An all school picnic or outing is enjoyed in the fall and again in the spring. Several all school parties, skating parties, and play nights are sponsored by classes or organizations.

The college joins in the McPherson County All Schools Day festivities. Some of the college organizations enter floats in the "May Day" parade and participate in the exhibits.

Community Service

McPherson College is ready to be of any possible service to high schools, communities, and churches, either near by or throughout the entire region. It is prepared to assist in teachers' institutes, parent-teachers' meetings, lecture courses, entertainments, and religious services.

McPherson College is endeavoring to render service as a community college through providing classes in Adult Education. The classes can be provided in late afternoons, evenings, or week ends. If interested in art, bible, literature, zoology, psychology, sociology, or some other subject, write the Dean or call Telephone No. 10 at the college.

The Alumni Association

All graduates of the college and all former students who have completed two full semesters of work are members of the Alumni Association. The efforts of the Alumni Association focus about two major objectives: to promote the interests of McPherson College, and to establish mutually beneficial relations between the college and the alumni. The association maintains a constant contact with the alumni by means of the McPherson College Bulletin, class reunions, and personal letters from the Alumni Office. The association thus keeps the alumni informed of present activities on the college campus.

The Alumni Office is located in Sharp Hall. Visitors are welcome

at any time. The Alumni Office maintains up-to-date files on each individual alumnus and is a valuable source of information.

The Alumni Office desires to be of service to under graduates as well as alumni, and encourages students to visit the office and acquaint themselves with the many services offered by the Alumni Association.

At the present time there are 2977 former students and graduates of the college who are members of the Alumni Association.

General Regulations

As a Christian institution, McPherson College seeks to uphold high ideals of personal and social life. It is assumed that students who apply for admission desire to fit into such an atmosphere.

All students are expected to exercise self-control and to put themselves under the restraints which are necessary to maintain the dignity and purpose of the college.

The use of tobacco and alcoholic beverages on college grounds or in college buildings is forbidden, as are also dancing, gambling, and the existence of secret societies. It follows that these same regulations apply to students off the campus while under the jurisdiction of the college.

The college reserves the right of asking students to withdraw whose lack of application or conduct is such as to make their stay in college inadvisable.

Students are expected to attend Sunday School and preaching services each Sunday. Attendance at Monday assembly and Wednesday chapel is required and absences are recorded.

Students who wish to arrange for socials, class parties, or gatherings of any kind should first obtain permission from the Social Director and provide an acceptable chaperon.

During vacations and between semesters the closing hour in the dormitories is 12:00 midnight except that on the last night of the vacation it is 10:00 p. m.

The conduct of women students is under the supervision of the Dean of Women. Permission for out-of-town trips must be secured from the Dean of Women.

All out-of-town students are required to room in the dormitories, unless permission to room outside is granted by the Dean of Men or the Dean of Women. In no case will women students be permitted to room where satisfactory arrangements for a housemother have not been made.

Students living with families are subject to the same rules as students living in the college dormitory in regard to study hours, attendance at chapel and Sunday services, receiving company, and all matters pertaining to their department. Men and women may not room in the same house. Families wishing to take students as roomers or boarders must arrange with the Business Manager in advance and agree to see that rules and regulations are observed.

Parents are urged to keep in touch with the school, and to assist the faculty in bringing about the best results possible in the education and direction of their children. A student may do better work if not furnished with too much money.

Visitors are always welcome. Guests of the institution should report at the Business Office. Guests of the dormitories should report to the Housemother or Head Resident so that entertainment may be provided.

An official emblem and seal has been adopted by the college, and it is expected that all classes and organizations shall restrict themselves to its use.

Policies concerning deputation work must be planned by the Deputation Committee and approved by the administration.

Students representing the college either on or off the campus must be approved by the faculty.

Agents and solicitors are not permitted to operate among the students on the college campus without permission from the Business Manager.

Students should inform their correspondents that all letters and other mail intended for students of the college should be plainly marked "McPherson College," giving the street number or the name of the hall and number of the room, since there are two colleges in McPherson.

All articles necessary for the student's comfort except such as are listed in the expense items will be furnished by the student himself. The student should bring quilts, comforts, blankets, sheets, pillows, pillow cases, rugs, curtains, etc. Single beds are provided in both Fahnstock and Arnold Halls and in third floor of Kline Hall.

Summer Session

A summer session is conducted annually by McPherson College. It begins immediately after the close of the regular session and continues for a period of eight weeks. The faculty, with few exceptions, is made up of members of the regular college staff. The courses offered are selected from the regular program of studies, for the most part, and the quality of work is equal to the work of the regular school year.

Further information regarding the summer session may be secured from the Director of the Summer Session.

The College

Requirements for Admission

Admission to McPherson College may be granted upon presentation of a certificate of graduation from an accredited senior high school. Graduates of high schools not fully accredited may enter through special entrance examination; or they may enter as unclassified students until they demonstrate their ability to do satisfactory work.

While McPherson College does not prescribe requirements in entrance subjects, it is strongly recommended that the student be prepared to present at least three units in English, two units in a foreign language, two units in mathematics, two units in history or social science, and one or more units in laboratory science.

An application for admission should be filed with the college on an official blank. A thorough health examination by the applicant's physician is required. These blanks may be secured from the back of this catalog or from the Office of Admissions.

Provisions for Veterans

McPherson College is on the approved list of colleges through which veterans may continue their education under Public Laws 10, 346, and 550. Veterans who are eligible for these benefits should contact their nearest Veterans Administration office and make application for a Certificate of Entitlement.

Advanced Standing

Candidates for admission from other colleges must present a certificate of honorable dismissal and an official transcript showing a passing grade in at least two-thirds of the courses in which they were last enrolled. Students from junior colleges will receive credit for no more than sixty semester hours. Work done in a junior college cannot be accredited as the equivalent of work done in the upper division of McPherson College. Any credit earned by examination at McPherson College will be granted for those who are candidates for a degree from McPherson College.

McPherson College may accept a maximum of thirty semester hours of strictly theological work, and a maximum of sixty semester hours total of courses taken in Bethany Bible Training School.

Students entering with the R. N. degree in nursing may be credited with approximately one year of work toward a degree.

Registration

A student is completely registered when he has provided all information required on the official registration form presented to him by the college and has secured the signatures of all the administrative officials designated on the card. In the case of first registration the student must have completed all admission procedures. Registration 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 two dollars.

Requirements for a Degree

The A. B. degree is offered only in the following departments: Education and Psychology, English, History, Applied Music, and Philosophy and Religion.

The B. S. degree is offered only in the following departments: Biology, Chemistry, Economics and Business Administration, Home Economics, Industrial Arts, Mathematics, Music Education, Rural Life, and Sociology.

The A. B. or B. S. degree will be conferred on a student who meets the residence, credit, grade point, distribution, and concentration requirements, all of which are described below. Application for graduation should be submitted to the Registrar the first week of the student's last semester.

RESIDENCE REQUIREMENTS

In order to qualify as a candidate for a college degree a student must spend a minimum of one term of residence, and must obtain a minimum of twenty semester hours of credit, in McPherson College. In accord with a requirement of the State Department of Education, twenty of the *last* thirty hours or forty of the *last* sixty hours necessary to complete work for a degree must be completed in residence.

Exception is made for a student who, after earning ninety semester hours of credit in McPherson College, goes to a recognized professional school requiring at least ninety semester hours for admission, enters a professional curriculum requiring a minimum of three additional years for completion, and transfers back thirty semester hours of credit from acceptable courses. Not more than one-fourth of the semester hours of credit required for graduation may be transferred back to complete the requirement for graduation.

CREDIT REQUIREMENTS

The minimum requirements for graduation are 124 semester hours of which four semester hours must be in the Department of Health and Physical Education. Candidates for graduation must complete forty semester hours in junior-senior courses taken in the junior-senior years. Junior-senior courses include all courses in the catalog num-

bered above 100.

GRADE POINT REQUIREMENTS

Candidates for a degree must have as many grade points as credit hours required for graduation. Grade points are earned as follows:

- A—three grade points for each hour of credit.
- B—two grade points for each hour of credit.
- C—one grade point for each hour of credit.
- D—no grade points.

DISTRIBUTION REQUIREMENTS

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

DIVISION OF LANGUAGES, LITERATURE, AND ARTS:

1. A minimum of 18 hours in the division.
2. Six hours of oral and written composition in English, courses 1-2 or 3-4.
3. At least 6 hours each from 2, or 3 hours each from 3, of the following departments: Art, Literature, Speech, Foreign Languages, Music, Journalism.

DIVISION OF SOCIAL SCIENCES:

1. A minimum of 18 hours in the division.
2. Six hours of Bible. This requirement may be met by taking courses in the Department of Philosophy and Religion numbered 21, 22, 23, 106, 111, or 116.
3. At least 6 hours each from 2, or 3 hours each from 3, of the following departments: Economics and Business Administration, Education and Psychology, History and Political Science, Industrial Arts Education, Sociology.

DIVISION OF NATURAL SCIENCES:

1. A minimum of 18 hours in the division.
2. Four hours of health and physical education.
3. Six hours in courses offering credit in laboratory science (biology, chemistry, home economics, physics).

To meet the distribution requirements for general education in the most satisfactory manner, the arrangement of courses listed below is suggested.

		Freshman Year	
First Semester	Hours	Second Semester	Hours
English	3	English	3
Foreign Language, Mathematics, Art, Music, or Speech	3	Foreign Language, Mathematics, Art, Music, or Speech	3
Bible	3	Bible	3
Biology, Chemistry, Home Economics, or Physics	3-4	Biology, Chemistry, Home Economics, or Physics	3-4
Physical Education	2	Physical Education, or	
Orientation	1	Psychology	2-3
Total	15-16	Total	14-16

First Semester	September Year	Second Semester	Hours
History, Political Science, or Economics	2	History, Political Science, or Economics	2
Introduction to Literature, Foreign Language, Art, Music, or Speech	2-3	Introduction to Literature, Foreign Language, Art, Music, or Speech	2-3
Biology, Chemistry, Physics, or Mathematics	3-4	Biology, Chemistry, Physics, or Mathematics	3-4
Home Economics or Industrial Arts	3-4	Home Economics or Industrial Arts	3-4
Electives	2	Electives	2
Total	16-17	Total	16-17

CONCENTRATION REQUIREMENTS

1. The completion of a major of not less than twenty-four semester hours in biology, chemistry, economics and business administration, education and psychology, English, history, home economics, industrial arts, mathematics, music, modern languages, philosophy and religion, sociology, or rural life. A minimum of twelve hours of this requirement must be met in courses open to juniors and seniors only.
2. The completion of a minimum of fifteen semester hours in supporting courses related to the major, but not in the same department as the major.
3. Comprehensives, reviews, or seminars may be required of majors by any department. Arrangements for these shall be made by the Head of each Department.
4. A complete tentative program of courses for the junior and senior years, incorporating the requirements stated above, designed by the student and approved by the student's major professor and the Dean of the College not later than the beginning of the student's junior year.

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

Other Requirements and Regulations

STUDENT LOAD

The average student load is sixteen hours a semester. All students are limited to seventeen hours except by special permission from the Curriculum Committee. No student may apply for enrollment in more than seventeen semester hours unless he has earned a minimum of thirty grade points in the preceding semester.

Requests for extra hours, special or additional credit for courses taken under the personal direction of an instructor, and offering of courses not catalogued must be approved by the Curriculum Committee. Under no circumstances will the committee feel obligated to allow credit or recognize work taken under any other arrangement.

Students doing as much as fifteen hours of assistantship, or any work entailing fifteen hours a week, are limited to fifteen course hours. It is recommended that for every five hours of work or extra-curricular

activity during the five school days, at least one hour be subtracted from the seventeen maximum.

CHANGES IN ENROLLMENT

Change of election of courses will come through the counselor as a rule. Such changes cannot be granted after Saturday noon of the second week of the semester. Upon written request and the presentation of valid reasons for exception being made, the Curriculum Committee and the instructors concerned may make changes after the two-week period. A late registration fee will be charged for each enrollment change later than the second week of the semester.

WITHDRAWAL FROM COURSES

Withdrawal from courses without registration of grades is possible up to Saturday noon of the fifth week of the semester. Written request to the Curriculum Committee must be made and granted before action will be taken. Failure to secure permission to withdraw will result in a grade of F in the course. A student who fails to do satisfactory work in a course may be asked to withdraw.

Students faced with induction pressures may qualify for credit by taking an examination over the work covered in courses totaling as many hours as the weeks attended in class. Tuition adjustment will be made on the basis of ten dollars a week for the number of weeks attended. No fees will be refunded.

SCHOLARSHIP

A student who fails to make three-fourths as many grade points as semester hours for which he is enrolled on the regular report issued at the end of each nine weeks period will be placed on probation and his parents or guardian may, at the discretion of the administration, be notified of the fact. If an average grade of C is not attained by the end of the second report period following the one in which the shortage occurred, the student may be advised to withdraw from the college.

CLASS ATTENDANCE

Regular class attendance is required of all students. A student absent from a class for two successive times should be reported to the Dean's Office. A student absent from class for two successive weeks, except for serious illness or reason previously approved by the teacher and the Dean, is automatically dropped from class and his class card is returned to the Central Office bearing the grade F. The fee for re-enrollment in that class is \$5.00. A student dropped from classes involving half of the hours for which he is enrolled is dropped from school.

ABSENCES FROM PRIVATE LESSONS

A student absent from three successive weekly lessons, except for

serious illness or reason previously approved by the teacher and the Dean, is automatically dropped from class and his class card returned to the Central Office bearing the grade F. The fee for re-enrollment in that class is \$5.00. Permission to make up missed work is to follow the same pattern as that for regular class absences.

ASSEMBLY AND CHAPEL

One of the valuable features of a church college is its chapel service. Assembly and chapel attendance is required of all students and members of the faculty. Chapel is held twice a week. Chapel services usually are planned with a definite religious emphasis. Sometimes the program is chiefly musical. Assemblies consist of discussions, musical presentations, and programs of interest. Student organizations lead chapel frequently. Alumni of the college testify to the abiding value of the chapel programs during their college days. Persistent absence from chapel and assembly will result in removal of honor points from the students' record.

ORIENTATION

The purpose of orientation is to help the student make the best possible adjustment to college in general and to McPherson College in particular. All freshmen are required to participate in the orientation program. One hour credit will be given upon completion of the course. The work consists of lectures, forums, panel discussions, outside reading, occupational guidance, and tests. The work is so directed that the student may profit more fully from his experiences both in college and after.

PROFICIENCY EXAMINATION IN ENGLISH

All students are required to pass a proficiency examination in the writing of English prose. This examination is given at the beginning of each semester and is open to juniors and seniors. Students who fail in the examination for the second time may be required to enroll in O English in order to correct their deficiencies and to be eligible to take the proficiency examination again.

CLASSIFICATION OF STUDENTS

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

SOPHOMORE	JUNIOR	SENIOR
24 semester hours	54 semester hours	84 semester hours
24 grade points	54 grade points	84 grade points

The clerical records on the classification of a student must be continued throughout the year. Exception: Juniors who plan to graduate at the close of the summer session may be classified as seniors at mid-year.

SCALE OF GRADING

A—indicates high honor and is reserved for very distinguished work.

B—indicates very good work of much more than average quality.

C—indicates that the work has been of good average quality.

D—indicates that the work has been the lowest in quality that will enable the student to pass the course.

I—indicates work is incomplete. This mark will be given only when the cause for the incomplete has been unavoidable as determined by the instructor and the Dean of the College.

F—indicates failure.

WP—withdrawn passing; WF—withdrawn failing.

NOTE: An I may be changed to a grade by completing the *incomplete work to the satisfaction of the teacher*. The incomplete must be satisfied within a time limit set by the instructor and the Dean when the mark of I was assigned. Students permitted to satisfy an incomplete more than four weeks after the opening of the next semester shall pay a fee of \$1.00; after nine weeks a fee of \$2.00. Grade F may be satisfied only by re-enrolling in the course. A fee of \$2.00 is charged for all extra examinations. This fee is to be paid at the Business Office.

HONOR ROLL

To be eligible for the honor roll, students must have earned a minimum of forty grade points during the previous semester. Credit earned by examination will not be included. A list of honor roll students shall be compiled and appropriately advertised at the close of each semester. This list shall be known as the Honor Roll of McPherson College.

HONOR GRADUATES

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

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

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

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

INDEPENDENT STUDY COURSES

A student in his junior or senior year who has made an average

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

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

ADVISERS

Freshman and sophomore students will be assigned to an adviser at the time of enrollment. The assignment is to be tentative for one year. A student may change his adviser by consulting the Dean of Students. Junior and senior students are assigned to their major professors.

Pre-Professional and Professional Courses

The curricula outlined on the following pages are presented for the guidance of students. They represent the best judgment of the college in each case. However, it is recognized that adjustments will need to be made in some cases because of conflicts, interests, and needs. The courses marked with asterisk (*) are offered every other year. It will be necessary for the student to plan his program in advance in order to get the courses indicated.

PRE-AGRICULTURE

Students who complete this curriculum should be able to enter most agricultural colleges and complete any one of the several four-year agricultural curriculums leading to a B. S. degree in two years. The curriculum is flexible so that a student may select electives which would apply to the curriculum of his choosing. Students who are planning to transfer to an agricultural college at the end of two years should arrange for a conference with the head of the department before enrolling.

		Freshman Year			
	First Semester	Hours		Second Semester	Hours
English		3	English		3
Chemistry or Biology		4	Chemistry or Biology		4
Algebra		3	Trigonometry		2
Physical Education		2	Physical Education		1
Orientation		1			
Elective		2	Elective		2
		15			11
Total		15	Total		11

		Sophomore Year			
First Semester		Hours	Second Semester		Hours
Elementary Economics	3	Elementary Economics	3		
General Physics or Organic Chemistry	3	General Physics or Biochemistry	3		
Principles of Speech	2	Introduction to Literature	3		
Elective	3	Elective	3		
Total	11	Total	12		

RURAL LIFE

The Rural Life Curriculum is suggested not only for those who are interested in farming and rural life, but also for students who wish to become economic, social, and religious leaders in rural communities. The following curriculum is flexible, and may be changed to meet individual interests and needs of both men and women.

		Freshman Year			
First Semester		Hours	Second Semester		Hours
English	3	English	3		
Chemistry or Biology	3	Chemistry or Biology	3		
Engineering Drawing	1	Machine Drawing	2		
Brass Metal or Farm Mechanics	3	Farm Shop or Farm Power	3		
*Farm Crops or *Poultry Husbandry	3	Acetylene Welding	1		
Orientation	1	*Animal Husbandry or *Horticulture	3		
Total	17	Total	16		

		Sophomore Year			
First Semester		Hours	Second Semester		Hours
*Farm Crops or *Poultry Husbandry	3	*Animal Husbandry or *Horticulture	3		
Principles of Speech	2	Advanced Speech	2		
Brass Metal or Farm Mechanics	3	New Testament or Econ.	3		
Arc Welding	1	Farm Shop or Farm Power	3		
Physical Education	2	Physical Education	2		
Electives (including Econ., Old Test., Psychology, etc.)	5	Rural Sociology	1		
Total	16	Total	16		

		Junior Year			
First Semester		Hours	Second Semester		Hours
*Dairy Husbandry	3	*Ornamental Gardening	3		
Genetics	2	*Biology (Plant Path.)	2		
*Farm Building Construction	3	*Applied Entomology	2		
Life and Teachings of Jesus	3	Auto Mechanics	3		
*Soils	2	*Judging Livestock	2		
Electives	2	Electives	2		
Total	17	Total	17		

		Senior Year			
First Semester		Hours	Second Semester		Hours
*Agricultural Marketing	3	*Farm Management	3		
*Animal Nutrition	3	*Animal Nutrition	3		
*Money and Banking	3	*Geology	3		
Electives	3	Electives	3		
Total	12	Total	12		

BUSINESS ADMINISTRATION

This curriculum has been planned to give the student a broad cultural education as well as adequate specialization in economics and business administration. Upon completion of this course, the student will be qualified to enter business or to go to a university to do graduate work in economics or business administration. Unless the student has attained reasonable proficiency in shorthand and type-writing, before entering college, courses in these subjects should be

selected, especially for certain types of work.

Freshman Year					
First Semester		Hours	Second Semester		Hours
English	3	3	English	3	3
Science	4	4	Science	4	4
French, German, or Spanish	3	3	French, German or Spanish	3	3
Elementary Economics	2	2	Elementary Economics	2	2
Physical Education	2	2	Physical Education	2	2
Orientation	1	1	Personal Hygiene	2	2
Total		16	Total		17
Sophomore Year					
First Semester		Hours	Second Semester		Hours
Introduction to Literature	3	3	Introduction to Literature	3	3
French, German, or Spanish	3	3	French, German, or Spanish	3	3
Elementary Accounting	3	3	Elementary Accounting	3	3
Algebra	3	3	Trigonometry	3	3
Old Testament	3	3	New Testament	3	3
Total		15	Total		15
Junior Year					
First Semester		Hours	Second Semester		Hours
*Marketing	2	2	*Economic Theory	3	3
*Business Org. and Finance	3	3	*Labor Economics	2	2
History	3	3	History	3	3
*U. S. Government	2	2	Speech	2	2
Principles of Sociology	3	3	Elective	5-7	5-7
Elective	1-3	1-3			
Total		15-17	Total		15-17
Senior Year					
First Semester		Hours	Second Semester		Hours
*International Economics	2	2	*Public Finance	3	3
*Money and Banking	3	3	*Business Law	3	3
Genetics	3	3	*Urban Sociology	3	3
*Philosophy or Ethics	3	3	Elective	5-8	5-8
Elective	4-6	4-6			
Total		15-17	Total		15-17

PRE-CHEMICAL ENGINEERING

This curriculum is planned to give students a thorough liberal education and to prepare them to do advanced work leading to chemical engineering or to research in chemistry. In addition to general physics and mathematics through calculus, it is recommended that students intending to continue the study of chemistry in graduate school acquire a reading knowledge of German and French. While we recommend four years of liberal training before entering upon the specialized training for engineering, students may transfer at the end of the sophomore year to a school offering the engineering degree with little, if any, loss of time.

Freshman Year					
First Semester		Hours	Second Semester		Hours
English	3	3	English	3	3
Inorganic Chemistry	4	4	Inorganic Chemistry	4	4
Algebra	3	3	Trigonometry	3	3
Engineering Drawing	3	3	Machine Drawing	2	2
General Psychology	2	2	Personal Hygiene	2	2
Orientation	2	2	Elective	3	3
Total		17	Total		18
Sophomore Year					
First Semester		Hours	Second Semester		Hours
Introduction to Literature	3	3	Introduction to Literature	3	3
Organic Chemistry	4	4	Organic Chemistry	4	4
General Physics	4	4	General Physics	4	4
Analytic Geometry	3	3	Analytical Geometry	3	3
Physical Education	2	2	Physical Education	2	2
Elective	1-2	1-2	Qualitative Analysis	2	2
Total		16-17	Total		17

Junior Year		Second Semester		Hours
First Semester	Hours	Second Semester	Hours	Hours
Quantitative Analysis	3	Quantitative Analysis	3	
Calculus	4	Calculus	4	
Advanced Organic Preparation	4	Advanced Organic Preparation	4	
Elementary Economics	3	Elementary Economics	3	
Phil. and Rel. Dept.	3	*Phil. and Rel. Dept.	3	
Total	17	Total	17	
Senior Year		Second Semester		Hours
First Semester	Hours	Second Semester	Hours	Hours
Physical Chemistry	4	Physical Chemistry	4	
*Mathematical Theory of Elec.	3	*Higher Algebra	3	
History	3	History	3	
Elective	3	Elective	3	5-7
Total	13	Total	10	(17-17)

PRE-DENTAL

The minimum entrance requirement of dental colleges is sixty semester hours including twelve hours of chemistry, six hours of English, six hours of biology, and six hours of physics. However, completion of a four year curriculum leading to a bachelor's degree is recommended. Students who complete three years at McPherson College and enter a dental school requiring ninety hours for admission may transfer thirty hours of credit after the first year in dental school and get the bachelor's degree, provided all requirements for graduation have been met. If the pre-dental student elects to do more work than is necessary to meet the minimum entrance requirements, the pre-medical curriculum is recommended.

PRE-ENGINEERING OR MATHEMATICS

This curriculum is planned for a major in mathematics and strong supporting courses in physics and chemistry. Such a curriculum provides an excellent foundation for civil, electrical, or mechanical engineering. Although we recommend the completion of this curriculum before transferring to a school offering an engineering degree, transfer may be made at the end of the sophomore year.

Freshman Year		Second Semester		Hours
First Semester	Hours	Second Semester	Hours	Hours
English	2	English	2	
Inorganic Chemistry	4	Inorganic Chemistry	4	
Engineering Drawing	2	Machine Drawing	2	
Algebra	3	Trigonometry	3	
Arc Welding	1	Acetylene Welding	1	
Orientation	1	Physical Education	2	
Total	15	Total	15	
Sophomore Year		Second Semester		Hours
First Semester	Hours	Second Semester	Hours	Hours
General Physics	4	General Physics	4	
Elementary Economics	3	Elementary Economics	3	
Analytic Geometry	4	Principles of Speech	2	
Principles of Speech	2	Calculus	4	
Old Testament	3	New Testament	3	
Total	16	Total	16	
Junior Year		Second Semester		Hours
First Semester	Hours	Second Semester	Hours	Hours
Calculus II	4	Quantitative Analysis	3	
Quantitative Analysis	3	Introduction to Literature	3	
Introduction to Literature	3	*Mechanics	3	
Atomic Theory	3	History	3	
History	3	Elective	3	
Total	16	Total	15	

First Semester		Senior Year		Second Semester		Hours
	Hours					
*Math. Theory of Elec.	3		*Higher Algebra			3
Advanced Physics	3		*Astronomy			2
*Ethics	3		*Geology			3
Elective	3		Elective			3
Total	12		Total			11

HOME ECONOMICS

DIETETICS MAJOR CURRICULUM

The following curriculum will enable the student to meet the minimum requirements of the American Dietetics Association for acceptance into approved hospitals for the required year of internship.

First Semester		Freshman Year		Second Semester		Hours
	Hours					
English	3	English	3	English	3	9
Inorganic Chemistry	4	Inorganic Chemistry	4	Inorganic Chemistry	4	12
Design	2	Design	2	Costume Design	2	6
Biology	4	Biology	4	Biology	4	12
Accounting	3	Accounting	3	Accounting	3	9
Orientation	1					1
Total	17	Total	17	Total	16	53

First Semester		Sophomore Year		Second Semester		Hours
	Hours					
Organic Chemistry	4	*Biochemistry	4	*Biochemistry	4	12
Foods	3	Foods and Meal Planning	3	Foods and Meal Planning	3	9
Textiles	3	Fundamentals of Clothing	3	Fundamentals of Clothing	3	9
Psychology	3	Physiology and Anatomy	3	Physiology and Anatomy	3	9
Elementary Economics	2	Health and Phy. Educ. Dept.	2	Health and Phy. Educ. Dept.	2	6
Total	16	Total	16	Total	15	51

First Semester		Junior Year		Second Semester		Hours
	Hours					
Nutrition	3	*Nutrition and Dietetics	3	*Nutrition and Dietetics	3	9
*Experimental Cookery	2	*Child Guidance	2	*Child Guidance	2	6
Bacteriology	3	Social Problems	3	Social Problems	3	9
Introduction to Literature	3	Introduction to Literature	3	Introduction to Literature	3	9
History	3	History	3	History	3	9
*Methods of Teaching	3					3
Total	17	Total	17	Total	15	51

First Semester		Senior Year		Second Semester		Hours
	Hours					
*Quantity Cookery	1	*Institutional Management	3	*Institutional Management	3	6
Marriage and Family	1	*Family Finance	3	*Family Finance	3	6
Bible	2	Bible	3	Bible	3	6
Speech	2	Speech	2	Speech	2	6
Health and Phys. Educ. Dept.	2	Educational Psychology	3	Educational Psychology	3	6
Elective	3	Elective	3	Elective	3	6
Total	16	Total	16	Total	15-16	48-49

HOME ECONOMICS

GENERAL PROFESSIONAL MAJOR

The student enrolling in the following curriculum will be qualified to teach home economics at the secondary school level and meet the 1962 educational requirements for Kansas. She will also qualify for apprenticeship in home demonstration work required by many states for entrance into this type of work.

First Semester		Freshman Year		Second Semester		Hours
	Hours					
English	3	English	3	English	3	9
Inorganic Chemistry	4	Chemistry (if desired)	4	Chemistry (if desired)	4	12
Design	2	Costume Design	2	Costume Design	2	6
Bible	3	Bible	3	Bible	3	9
Orientation	1	General Psychology	3	General Psychology	3	6
Elective	3					3
Total	16	Total	16	Total	16	48

Sophomore Year					
First Semester		Hours	Second Semester		Hours
Organic Chemistry		4	*Biochemistry		4
Food		3	Food and Meal Planning		3
Textiles		1	Fundamentals of Clothing		3
Health and Phys. Educ. Dept.		2	Health and Phys. Edu. Dept.		2
*The House		3	*Interior Decoration		3
Total		15	Total		15

Junior Year					
First Semester		Hours	Second Semester		Hours
Nutrition		3	*Child Guidance		3
*Methods of Teaching		3	Education Psychology		3
Marriage and Family		3	Principles of Education		3
Literature		3	Literature		3
Speech		2	Speech		2
Elective		3	Elective		2
Total		17	Total		16

Senior Year					
First Semester		Hours	Second Semester		Hours
Applied Dress Design		2	Tailoring		2
*Quantitative Cookery		3	*Family Finance		3
*Educ. Tests and Measurements		3	Practice Teaching		4
*Guidance		3	Secondary Curriculum		2
History		3	History		3
Elective		2	Elective		1-2
Total		16	Total		16-17

INDUSTRIAL ARTS

This curriculum is suggested primarily for those who wish to qualify for teaching industrial arts in the secondary schools of Kansas. The curriculum is flexible and may be changed to meet the needs and interests of those wishing to major in industrial arts.

Freshman Year					
First Semester		Hours	Second Semester		Hours
English		3	English		3
Engineering Drawing		3	Machine Drawing		2
Sociology		3	General Psychology		3
Woodworking Problems or Arts and Crafts		3	Woodworking Problems or Arts and Crafts		3
Orientation		1	Bible		3
Elective		3	Elective		3
Total		16	Total		18

Sophomore Year					
First Semester		Hours	Second Semester		Hours
Farm Mechanics or Bench Metal		3	Farm Power or Farm Shop		3
Arc Welding		1	Acetylene Welding		1
Physics		4	Physics		4
Marriage and Family		3	Speech		2
Speech		2	Elective		3
Elective		3	Elective		3
Total		15	Total		16

Junior Year					
First Semester		Hours	Second Semester		Hours
*Wood and Metal Finishing		2	*Architectural Drawing		3
Art		2	Secondary Curriculum		3
Metal Lath		1	Advanced Woodwork and Design		3
Educational Psychology		3	Electives		6
*History of Education		3			
*Farm Building Construction		3			
High School Methods		3			
Total		17	Total		15

Senior Year					
First Semester		Hours	Second Semester		Hours
*Industrial Occupations		3	*History of Industrial Arts		3
*Educational Sociology		3	Practice Teaching		3
Electives		9	School Administration		3
			Electives		6
Total		15	Total		16

PRE-JOURNALISM CURRICULUM

This curriculum is planned for the student who expects to enter journalism as a profession upon graduation from college, or for the student who expects to take work in journalism at the graduate level. It incorporates an English major with strong support in the social sciences. Such an arrangement is appropriate because the journalist so often has to write about, and report on, political, economic, and social affairs. The student who desires more technical courses in journalism at the college level may transfer at the end of the sophomore year with little, if any, loss of time.

First Semester		Freshman Year		Second Semester	
	Hours		Hours		Hours
English	3	English	3	English	3
French, German, or Spanish	3	French, German, or Spanish	3	French, German, or Spanish	3
History or Inorganic Chemistry	4	History or Inorganic Chemistry	4	History or Inorganic Chemistry	4
Reporting	3	Editing	3	Editing	3
Orientation	1	General Psychology	3	General Psychology	3
Physical Education	2	Physical Education	2	Physical Education	2
Total	16	Total	16	Total	17

First Semester		Sophomore Year		Second Semester	
	Hours		Hours		Hours
Introduction to Literature	3	Introduction to Literature	3	Introduction to Literature	3
Principles of Sociology	3	Social Problems	3	Social Problems	3
U. S. History	3	U. S. History	3	U. S. History	3
Principles of Speech	2	Advanced Speech	3	Advanced Speech	3
Elementary Economics	3	Elementary Economics	3	Elementary Economics	3
Algebra	3	Physical Science	2	Physical Science	2
Total	17	Total	16	Total	16

First Semester		Junior Year		Second Semester	
	Hours		Hours		Hours
*English History	2	*English History	2	*English History	2
*Literature	3	*Literature	3	*Literature	3
*Introduction to Philosophy	3	*The Short Story	2 or 3	*The Short Story	2 or 3
*Creative Writing	3	*Astronomy	2	*Astronomy	2
*Cultural Anthropology	3	Educational Psychology	3	Educational Psychology	3
Marriage and Family	2	Elective	3 or 2	Elective	3 or 2
Total	17	Total	17	Total	16

First Semester		Senior Year		Second Semester	
	Hours		Hours		Hours
Literature	3	Shakespeare	3	Shakespeare	3
*History of Social Thought	3	Growth of Culture	3	Growth of Culture	3
*U. S. Government	3	*American Politics	3	*American Politics	3
Old Testament	3	*Contemporary Literature	3	*Contemporary Literature	3
Editing Practice	1	Editing Practice	1	Editing Practice	1
Elective	3	Life and Letters of Paul	3	Life and Letters of Paul	3
Total	16	Total	16	Total	16

PRE-LEGAL CURRICULUM

Many law schools now require four years of college training for admission. The following curriculum has been planned with this requirement in mind. Students following this curriculum would be able to enter some law schools upon completion of the junior year. The curriculum has been planned with a major in economics, and strong supporting courses in history. This arrangement may be reversed if the student desires.

First Semester		Freshman Year		Second Semester	
	Hours		Hours		Hours
English	3	English	3	English	3
European History	3	European History	3	European History	3
Elementary Economics	3	Elementary Economics	3	Elementary Economics	3
Science	4	Science	4	Science	4
Physical Education	2	Physical Education	2	Physical Education	2
Orientation	1				
Total	16	Total	16	Total	15

First Semester		Second Semester	
Hours		Hours	
Introduction to Literature	3	Introduction to Literature	3
Elementary Accounting	3	Elementary Accounting	3
U. S. History	3	U. S. History	3
Foreign Language	3	Foreign Language	3
*Argumentation and Debate	2	General Psychology	3
Elective	2-3	Elective	1-2
Total	16-17	Total	16-17

First Semester		Second Semester	
Hours		Hours	
*Money and Banking	3	*Public Finance	3
*U. S. Government	3	*Business Law	3
Foreign Language	3	Foreign Language	3
English History	3	English History	3
*Social Psychology	3	*International Relations	3
Elective	0-2	Elective	0-2
Total	15-17	Total	15-17

First Semester		Second Semester	
Hours		Hours	
*Business Organization	3	*Labor Economics	2
*Marketing	2	*American Politics	2
Life and Teachings of Jesus	3	*Criminology	3
Science or Mathematics	3	*In. Phil. and Rel. Dept.	3
Elective	4-6	Science or Mathematics	4
Total	15-17	Total	15

LIBRARY WORK.

The following curriculum is suggested for students planning to become librarians and desiring to enter a library school after graduation from college. It provides a major in English and strong supporting courses in the social sciences. If the student prefers, he may major in one of the social sciences with strong supporting courses in English. Two years of a foreign language are provided; this should be regarded as a minimum, since a reading knowledge of at least one language is necessary for library work, and since many library schools require this amount, or even two languages, for entrance.

First Semester		Second Semester	
Hours		Hours	
English	3	English	3
European History	3	European History	3
Elementary French or German	3	Elementary French or German	3
Introductory Chemistry	4	Introductory Chemistry	4
General Psychology	3	Personal Hygiene	2
Orientation	1		
Total	17	Total	15

First Semester		Second Semester	
Hours		Hours	
Introduction to Literature	3	Introduction to Literature	3
Principles of Speech	2	Principles of Speech	2
Second Year French or German	3	Second Year French or German	3
Physical Education	2	Physical Education	2
Biology	4	Biology	4
U. S. History or Principles of Sociology	3	U. S. History	3
Total	17	Total	17

First Semester		Second Semester	
Hours		Hours	
*Literature	3	Literature	3
*History	3	*History	3
Physics	4	Physics	4
Life and Teachings of Jesus	3	Phil. and Rel. Dept.	3
Elective	2-4	Elective	2-4
Total	15-17	Total	15-17

First Semester		Senior Year		Second Semester		Hours
	Hours					
*Laboratory		3	*Shakespeare			3
*Phil. and Rel. Dept.		3	*Astronomy			2
*History and Apprec. of Art		2	Sociology			3
Objective		7-9	Elective			7-9
Total		15-17	Total			15-17

PRE-MEDICAL

This curriculum has been planned to provide a broad liberal education with a major in biology and supporting courses in chemistry. The student should complete it and receive the baccalaureate degree before entering a medical school. However, one may enter a medical school at the end of the junior year, transfer thirty hours back at the end of the first year in medical school, and receive the baccalaureate degree, provided all requirements for graduation have been met.

First Semester		Freshman Year		Second Semester		Hours
	Hours					
English		3	English			3
Biology		4	Biology			4
Inorganic Chemistry		4	Inorganic Chemistry			4
Algebra		3	Trigonometry			3
Physical Education		2	Physical Education			2
Orientation		1				—
Total		17	Total			16

First Semester		Sophomore Year		Second Semester		Hours
	Hours					
Introduction to Literature		3	Introduction to Literature			3
Elementary French or German		3	Elementary French or German			3
Organic Chemistry		4	*Osteochemistry			4
Comparative Anatomy		3	Personal Hygiene			2
Bible		3	Physiology and Anatomy			3
Total		16	Total			15

First Semester		Junior Year		Second Semester		Hours
	Hours					
General Physics		4	General Physics			4
Quantitative Analysis		3	Quantitative Analysis			3
Second Year French or German		3	Second Year French or German			3
Life and Teachings of Jesus		3	*Plant Pathology			3
History		—	*History			3
Total		16	Total			16

First Semester		Senior Year		Second Semester		Hours
	Hours					
Genetics		3	*Embryology			3
Bacteriology		3	History			3
*Phil. and Rel. Dept.		3	*Sociology Department			3
*Psychology		3	Elective			6-9
Elective		3-5				—
Total		15-17	Total			15-17

PRE-MEDICAL TECHNICIAN

Completion of this curriculum prepares the student for admission to hospital training for medical technicians.

First Semester		Freshman Year		Second Semester		Hours
	Hours					
English		3	English			3
Inorganic Chemistry		4	Inorganic Chemistry			4
Algebra		3	Trigonometry			3
Biology		4	Biology			4
Physical Education		2	Physical Education			2
Orientation		1				—
Total		17	Total			16

Sophomore Year			
First Semester	Hours	Second Semester	Hours
Organic Chemistry	4	*Biochemistry	4
General Physics	4	General Physics	4
Quantitative Analysis	3	Quantitative Analysis	3
Elective	3	Physiology and Anatomy	3
		Personal Hygiene	2
Total	16	Total	13

PRE-NURSING

Varying amounts of training are required for admission to hospitals to train for nursing. A five year program, three years in college and two years in a hospital, occurs with frequency and is the type that McPherson College recommends. In keeping with this principle the following curriculum is suggested:

Freshman Year			
First Semester	Hours	Second Semester	Hours
English	3	English	3
Inorganic Chemistry	4	Inorganic Chemistry	4
Old Testament	2	New Testament	2
Biology	4	Biology	3
Physical Education	1	Physical Education	3
Orientation	1		
Total	16	Total	15

Sophomore Year			
First Semester	Hours	Second Semester	Hours
Introduction to Literature	2	Introduction to Literature	4
Organic Chemistry	4	*Biochemistry	4
Comparative Anatomy	3	Physiology and Anatomy	3
Psychology	3	Personal Hygiene	2
		Elective	2-3
Total	12	Total	15-17

Junior Year			
First Semester	Hours	Second Semester	Hours
Bacteriology	3	*Embryology	3
French, German, or Spanish	3	French, German, or Spanish	3
Genetics	3	*Histology	3
Nutrition	3	*Child Guidance	2
*Family Health	3	*Histology	4
Total	15	Total	16

SECRETARIAL CURRICULUM

This curriculum is intended especially for the student who cannot remain in college four years, but who desires to secure in two years the training necessary to become a secretary, bookkeeper, or other clerical worker. One who has had as much as one unit each in shorthand and typewriting may omit the first semester of these courses.

Freshman Year			
First Semester	Hours	Second Semester	Hours
English	3	English	3
Beginning Shorthand	3	Advanced Shorthand	3
Beginning Typewriting	3	Advanced Typewriting	3
Elementary Economics	3	Elementary Economics	3
Physical Education	1	Physical Education	1
*Business Communications	2	Elective	2
Orientation	1		
Total	19	Total	15

Sophomore Year			
First Semester	Hours	Second Semester	Hours
Introduction to Literature	3	Introduction to Literature	3
Speech	2	Speech	2
Elementary Accounting	3	Elementary Accounting	3
General Psychology	3	Elective	1-3
*Office Practice	2		
Elective	1-3		
Total	14-16	Total	11-17

SOCIAL WORK

Opportunities to do social work are becoming increasingly attractive. The following curriculum is planned to give the training needed for this type of work or to prepare the student for graduate work in this field.

First Semester		Freshman Year		Second Semester	
	Hours				Hours
English	3	English	3	English	3
Old Testament	2	New Testament	3	New Testament	3
French, German, or Spanish	3	French, German, or Spanish	3	French, German, or Spanish	3
Biology	4	Biology	4	Biology	4
General Psychology	2	Personal Hygiene	2	Personal Hygiene	2
Orientation	1				
Total	17	Total	17	Total	17
First Semester		Sophomore Year		Second Semester	
	Hours				Hours
Introduction to Literature	3	Introduction to Literature	3	Introduction to Literature	3
Principles of Sociology	3	Social Problems	3	Social Problems	3
French, German, or Spanish	3	French, German, or Spanish	3	French, German, or Spanish	3
Physical Education	2	Physical Education	2	Physical Education	2
Speech	2	Rural Sociology	2	Rural Sociology	2
History	3	History	3	History	3
Total	16	Total	16	Total	16
First Semester		Junior Year		Second Semester	
	Hours				Hours
Marriage and the Family	3	*Criminology	3	*Criminology	3
*Abnormal Psychology	3	Educational Psychology	3	Educational Psychology	3
*History of Social Thought	3	Child Psychology	3	Child Psychology	3
*U. S. Government	3	*American Politics	3	*American Politics	3
Elementary Economics	3	Elementary Economics	3	Elementary Economics	3
		*Labor Economics	2	*Labor Economics	2
Total	15	Total	15	Total	15
First Semester		Senior Year		Second Semester	
	Hours				Hours
*Social Work	3	*Urban Sociology	3	*Urban Sociology	3
*Social Psychology	3	Recreational Leadership	3	Recreational Leadership	3
Genetics	3	*Psychology of Adolescence	3	*Psychology of Adolescence	3
History	3	*International Relations	3	*International Relations	3
*Guidance	3	Kinesics	3-3	Kinesics	3-3
Total	15	Total	15-17	Total	15-17

PRE-THEOLOGICAL

The American Association of Theological Schools and Bethany Biblical Seminary recommend a broad and comprehensive college education as a basis for theological study. The curriculum should include at least twelve semester hours in composition and literature, six in philosophy, six in Bible, six in history, three in psychology, twelve to sixteen in foreign language, six in natural science, and six in social science. In keeping with this recommendation, McPherson College urges the completion of a four year course leading to the A. B. degree with a major in any of the departments offering a major.

CHURCH LEADERSHIP TRAINING

Any student who has completed the following courses and experiences may receive a college level Leadership Training Certificate from the Christian Education Commission of the General Brotherhood Board of the Church of the Brethren.

Required Course:	Hours	Elective Courses (Six Hours):	Hours
Old Testament	3	*Philosophy of Religion	3
New Testament	3	*Church History	3
General Psychology	3	*History of the Church of the Brethren	3
Educational Psychology	3	Child Psychology	3
*Church School	3	*Social Psychology	3
*Audio-Visual Education	2	*World Religions	3

Required Experience:

One year of experience in church school work, while in college, under the supervision of capable leadership.

PRE-VETERINARY

Completion of the following curriculum will enable the student to enter a school of veterinary medicine and finish the five year veterinary curriculum in three to four years.

Freshman Year		Second Semester		Hours
First Semester	Hours			
English	3	English		3
Inorganic Chemistry	4	Inorganic Chemistry		4
Biology	4	Biology		4
General Psychology	3	Personal Hygiene		2
Physical Education	2	Physical Education		2
Orientation	1			
Total	17	Total		13
Sophomore Year		Second Semester		Hours
First Semester	Hours			
Organic Chemistry	4	*Biochemistry		4
Principles of Speech	2	Principles of Speech		2
Elementary Economics	3	Elementary Economics		3
Elective	3-8	Qualitative Analysis		4
Total	15-17	Total		13-17

Courses of Instruction

The courses of instruction, descriptions of which appear in the following pages, are grouped into divisions and departments as follows:

The Division of Natural Sciences.

Biology, Chemistry, Health and Physical Education, Home Economics, Mathematics, Physics, and Rural Life.

The Division of Social Sciences.

Economics and Business Administration, Education and Psychology, History and Political Science, Industrial Arts Education, Philosophy and Religion, and Sociology.

The Division of Languages, Literature, Arts.

Art, English, Foreign Languages, and Music.

SYSTEM OF NUMBERING COURSES

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

(a) Courses numbered 1-99 inclusive are Junior College, or "B" courses usually designed for Freshmen and Sophomores. All four classes will rarely be admitted to the same course. If a "B" course is open to Seniors, Freshmen will be denied enrollment. If Freshmen en-

roll in a "B" course, as is usual, the Seniors will be denied admission.

(b) Courses open to Juniors and Seniors, the so-called "A" courses, are numbered 100-300 inclusive.

(c) Odd numbers indicate first semester courses.

(d) Even numbers indicate second semester courses.

(e) Hyphenated numbers indicate continuous courses.

(f) Numbers separated by a comma indicate repeating courses.

The Division of Natural Sciences

FACULTY

JOSEPH L. BOWMAN, *Chairman*

James M. Berkebile
John Burkholder
Verda De Coursey
Doris Coppock
Wesley De Coursey

Guy Hayes
Mildred Siek
J. Richard Wareham
Chalmer Woodard

Objectives

To provide the cultural values that a knowledge of natural sciences should give to the liberal arts student.

To meet the preliminary requirements for those persons who wish to fit themselves for work in the applied sciences.

To get such a comprehension of the field of natural sciences that the student will be in a position to do graduate work in the field, or to teach in the elementary and secondary schools.

To bring to each student the best possible state of vigorous health as a basis for successful living.

Biology

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours including either courses 1-2, 61, 105, 110, and 184 or courses 1-2, 32, 111, 114, and 184.

RELATED SUPPORTING COURSES REQUIRED: A minimum of eight semester hours in Chemistry and seven semester hours in Physics and/or Mathematics.

1-2. **GENERAL BIOLOGY**—An introductory course designed to acquaint the student with the fundamental principles of both plant and animal life. Three recitations and two hours laboratory a week. *Four hours.* 2:10, M., W., F.

32. **BOTANY**—A general survey of botanical science and the biological principles illustrated by plants. The following main topics are considered: the parts of seed plants and their life processes; the natural sequence and relation of the great plant groups from algae to seed plants; field study of the trees, shrubs, and herbs of the

spring flora, including their recognition, distribution, and economic importance. Three recitations and two hours laboratory a week. Alternate years; offered 1953-1954. *Four hours.* 9:35, M., W., Th.

10. NATURE STUDY—The purpose of this course is to provide an abundance of material for the public school teacher, and to show how the material can be presented interestingly to the pupil. The course is also open to non-teachers interested in enlarging their horizons. *One to three hours.* Offered on sufficient demand.

32. PHYSIOLOGY AND ANATOMY—Special emphasis is placed on the study of digestion, absorption, metabolism, and excretion. Sufficient anatomy is given for a thorough understanding of the correlation between the two subjects and the relationships between the organs of the body. Two hours recitation and two hours laboratory a week. *Three hours.* 11:25, W., F.

61. COMPARATIVE ANATOMY—An anatomical study of representative vertebrates. The course includes a discussion of the homologies and analogies of the vertebrate system and appropriate laboratory exercises. Two hours recitation and six hours laboratory a week. Prerequisite: Biology 1-2. *Five hours.* 8-10, T., Th.

105. INVERTEBRATE ZOOLOGY—A comparative study of the invertebrate phyla including life histories, distribution, and relationships. Prerequisite: Biology 1-2. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

110. EMBRYOLOGY—A study of the early stages of the development of vertebrate animals illustrating the fundamental principles of embryology. Prerequisites: Biology 1-2 and 61, or by approval. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

111. BACTERIOLOGY—A general course in bacteriology including the preparation and use of media and stains. Special attention is given to those forms of bacteria causing disease in man and other animals, and to immunity from them. Two recitations and two hours laboratory a week. Prerequisite: Biology 1-2 or 32. *Three hours.* 10:30, M., W.

114. PLANT PATHOLOGY—A study of the important diseases of field and garden crops and the organisms which cause them. Two hours recitation and two hours laboratory. Prerequisite: Biology 1-2 or 32. Alternate years; offered 1953-1954. *Three hours.* 7:45, T., W. Laboratory: 7:45, F.

163. CYTOLOGY AND HISTOLOGY—A course in the microscopic study of plant and animal cells and animal tissues with laboratory practice in cytological and histological techniques. Two recitations and two hours laboratory a week. Prerequisite: Biology 1-2. Alternate years; offered 1953-1954. *Three hours.* 11:25, W., F.

184. GENETICS—A study of the principles of heredity with an introductory consideration of the nature and the action of genes. Prerequisite: Biology 1-2. *Three hours.* 10:30, T., Th., F.

186. SPECIATION.—A study of the biological mechanisms which have operated, and are operating, to produce organic evolution. Pertinent aspects of paleontology, genetics, ecology, and other biological fields will be considered. Prerequisites: Biology 1-2 and 184. Alternate years; offered 1954-1955. *Three hours, 9:35, M., W., Th.*

185. TOPICS IN BIOLOGY.—A survey of those fields of biology which have little or no consideration in other courses. It is designed for the purpose of broadening the biological training of advanced biology students as well as aiding those who wish to choose a field for graduate study. Some of the topics considered are: animal behavior, animal ecology, experimental embryology, physiological genetics, and zoogeography. Prerequisite: eighteen hours biological science. Alternate years; offered 1953-1954. *Three hours, 9:35, M., T., Th.*

189-190. PROBLEMS IN BIOLOGY.—Advanced study of special topics in biology. Prerequisite: Consent of the instructor. *One to three hours. By appointment.*

Chemistry

REQUIREMENTS FOR A MAJOR: A minimum of twenty-six semester hours including courses 1, 2, 41, 42, 100, 105, and 161.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours in the following three fields, including at least one course from each field; Mathematics, Physics, and Biology. Suggested courses are Physics 5-6 and 123; Mathematics 5-6 and 51-52; Biology 1-2.

1. GENERAL CHEMISTRY.—This course is designed for students whether science majors or not and covers the fundamentals of chemistry, with emphasis on the nature and make up of the world we live in from the chemical standpoint. Lectures, three hours; laboratory, three hours. *Four hours, 8:40, M., W., F.*

2. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—This course is designed to complete the study of inorganic chemistry with emphasis on the chemistry of the metals and nonmetals and topics not covered in General Chemistry. The major amount of laboratory time is devoted to Qualitative Analysis. Lectures, three hours; laboratory, three hours. *Four hours, 8:40, M., W., F.*

4. ADVANCED QUALITATIVE ANALYSIS.—A laboratory course designed for those who want more Qualitative than is provided in Chemistry 2. This course may be taken along with Chemistry 2. *Two hours. By appointment.*

41. INTRODUCTORY ORGANIC CHEMISTRY.—A beginning study of the main topics of interest in Organic Chemistry and their applications as related to our everyday living. Lectures, three hours; laboratory, three hours. *Four hours, 10:30, T., Th., F.* Prerequisite: Chemistry 1.

62. ORGANIC CHEMISTRY.—A further study of the principles of

Organic Chemistry with added emphasis on topics such as resonance, mechanisms of reactions, isomerism and synthetic organic Chemistry. Lectures, three hours; laboratory three hours. Prerequisite: Chemistry 1. *Four hours.* 10:30, T., Th., F.

94. BIOCHEMISTRY—A study of the aspects of Chemistry related to all life and especially human food and nutrition. Laboratory experiments in Physiological Chemistry. Prerequisite: Chemistry 41. Lectures, three hours; laboratory, three hours. Alternate years; offered 1953-54. *Four hours.* 11:25, M., T., Th.

100. CHEMISTRY SEMINAR—Lectures, demonstrations, films and discussions on special topics of Chemistry and science not usually studied in the regular courses given in Chemistry. Open to all members of the McPherson College family but only to Chemistry majors for credit. All Chemistry students are expected to attend. *One-half hour.* 7-8 P. M. Tuesday.

103. GEOLOGY—A study of the materials and surface features of the earth and the agencies that produce and change them. Prerequisite: permission of instructor. Laboratory and field trips. Alternate years; offered 1953-1954. Lectures and laboratory three hours. *Three hours.* 11:25, M., T., Th.

105-106. QUANTITATIVE ANALYSIS—Theory and practice in volumetric and gravimetric analysis. Prerequisite: Chemistry 2. Lecture, one hour; laboratory, six hours. *Three hours.* By appointment.

131-132. ADVANCED ORGANIC PREPARATIONS—Laboratory study of organic reactions and the more difficult syntheses of organic compounds. Prerequisite: Chemistry 41. Laboratory, eight hours. *Four hours.* By appointment.

161-162. PHYSICAL CHEMISTRY—A general course in Physical and Theoretical Chemistry. Prerequisite: Chemistry 2 and consent of instructor. Lectures, three hours; laboratory, two hours. Alternate years; offered 1954-1955. *Five hours.* 11:25, M., T., Th.

171-172. SELECTED TOPICS IN CHEMISTRY—A study of special subjects in Chemistry—Resonance in Organic Chemistry, Valency and Molecular Structure, Industrial and Electro Chemistry, Petroleum Chemistry. By appointment on demand. Open to Chemistry Majors only. *Two hours.* 8:40, T., Th.

189-190. PROBLEMS IN CHEMISTRY—Advanced study of special topics in Chemistry. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

Health, Physical Education, and Recreation

Four semester hours of work in this department are required by every student for graduation. Courses 1-2 for men, and 3-4-5-6 for women are recommended by the department. The college requires a through health examination of each student by the time of matriculation.

See "Physical Health" of this catalog.

31. **PLAYGROUND ACTIVITIES**—A study of adaptable activities for schoolroom, playground, and gymnasium. *Three hours.* 1:15, M., W., F.

32. **SCHOOL HEALTH EDUCATION**—A course for elementary teachers which deals with the more important problems of the individual school child and his environment. *Three hours.* 1:15, M., W., F.

4C. **NATURE STUDY**—(See Biology)

4b, 4c. **ARTS AND CRAFTS**—(See Industrial Arts Education)

5E. **PHYSIOLOGY AND ANATOMY**—(See Biology)

61. **FIRST AID**—A study of diagnosis and treatment of all emergency physical needs of the human body, as represented by the American Red Cross. Certification by the American Red Cross for both Standard and Advanced First Aid is given. Prerequisite to Course 162. *Two hours.* 8:40, T., Th.

109. **FOLK GAMES**—The study and practice of European and American folk games. Alternate years; offered 1953-1954. *Two hours.* 9:35, M., W., Th.

173-174. **RECREATIONAL LEADERSHIP**—A course offered for students contemplating work with church camps, boy and girl scout camps, private camps, community recreation, and outing clubs during all seasons of the year. *Three hours.* 11:25, M., T., Th.

181. **ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION PROGRAM**—The complete study of organization and administration of a public school physical education program. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

182. **TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION**—A study of the methods used in finding the abilities and ratings of students in health and physical education. Tests and measurements of physical fitness, social efficiency, and motor and physical skills. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

COURSES FOR MEN

1-2. **GENERAL PHYSICAL EDUCATION**—A study of theory and activity in exercises, calisthenics, and conditioning. One period a week the first semester will be conducted as academic study. Course 1 is prerequisite to course 2. *Two hours.* 8:40, M., W., F.

11. **BASEBALL**—The fundamentals of playing and the methods of coaching baseball. Alternate years; offered 1953-1954. *Two hours.* 10:30, M., W.

12. **TRACK AND FIELD EVENTS**—The fundamentals and skills of track and field events and the methods of coaching them. Alternate years; offered 1953-1954. *Two hours.* 11:25, M., W.

113. MECHANICS AND TECHNIQUE OF OFFICIATING—A course designed to interest and train competent officials for football and basketball. Not open to those having credit in Course 113. *Two hours*. 11:25, W., F.

142. PERSONAL AND COMMUNITY HYGIENE—A foundation course in personal care of the body and the laws of healthful living. Alternate years, offered 1954-1955. *Two hours*. 8:40, T., Th.

173. METHODS IN TEACHING RECREATIONAL SPORTS—This course includes practice for development of skills, a study of rules, teaching methods, and the officiating in recreational sports. *Three hours*, 10:30, T., Th., F.

111. FOOTBALL—The fundamentals of playing and the methods of coaching football. Alternate years; offered 1954-1955. *Two hours*. 11:25, W., F.

112. BASKETBALL—The fundamentals of playing and the methods of coaching basketball. Alternate years; offered 1954-1955. *Two hours*. 11:25, W., F.

113. MECHANICS AND TECHNIQUE OF OFFICIATING—An advanced course in which actual officiating of regular games in football and basketball will be required. Not open to those having credit in Course 113. *Two hours*. 11:25, W., F.

161. CARE AND TREATMENT OF ATHLETIC INJURIES—Emphasis on prevention, care, and cure of injuries incurred in the major athletic sports. Alternate years; offered 1953-1954. *Two hours*. 8:40, T., Th.

162. FIRST AID INSTRUCTOR'S TRAINING—A prescribed course under the direction of the American Red Cross to permit students to give instruction in the Standard and Advanced Courses in First Aid. Prerequisite: Course 61. *One hour*. By appointment.

COURSES FOR WOMEN

3. HOCKEY AND TUMBLING—The study and practice of the rules of hockey, and the fundamentals and practices of tumbling stunts for the development of coordination. Alternate years; offered 1954-1954. *One hour*. 10:30, M., W.

4. BASKETBALL AND SOFTBALL—The study and practice of the rules and fundamentals of basketball and softball. Alternate years; offered 1953-1954. *One hour*. 10:30, M., W.

5. TENNIS AND VOLLEYBALL—The study and practice of the rules and fundamentals of tennis and volleyball. Alternate years; offered 1954-1955. *One hour*. 10:30, M., W.

6. BADMINTON AND ARCHERY—The study and practice of rules and fundamentals of badminton and the development of skill in archery. Alternate years; offered 1954-1955. *One hour*. 10:30, M., W.

40. PERSONAL AND COMMUNITY HYGIENE—A foundation course in

personal care of the body and the laws of healthful living. Alternate years; offered 1953-1954. *Two hours.* 11:20, T., Th., F., first twelve weeks.

110. RHYTHMIC INTERPRETATIONS—Study of dramatic interpretations through rhythmic movements. Alternate years; offered 1953-1954. *Two hours.* 9:35, M., W., Th.

157. METHODS OF TEACHING INDIVIDUAL SPORTS—Presentation of teaching techniques and analysis of the fundamental skills of individual sports. * Training in officiating and managing tournaments in the intramural program. Prerequisites: Courses 3-4-5-6 or permission of instructor. Alternate years; offered 1954-1955. *Three hours.* 9:30, M., W., Th.

158. METHODS OF TEACHING TEAM SPORTS—Same as 157 except that emphasis is placed on team sports rather than individual sports. Prerequisites: Courses 3-4-5-6 or permission of the instructor. Alternate years; offered 1954-1955. *Three hours.* 9:35, M., W., Th.

Home Economics

REQUIREMENTS FOR A PROFESSIONAL MAJOR: A minimum of 31 semester hours including courses 3, 4, 15, 16, 31, 32, 106, 113, 116, 125, 126, 141. *Supporting courses required:* Chemistry 1, 41, 44; Sociology 75; Biology 52.

REQUIREMENTS FOR A HOMEMAKING MAJOR: A minimum of 40 semester hours including courses 3, 4, 15, 16, 23, 24, 31, 32, 106, 113, 116, 117, 125, 126, 141. *Supporting courses required:* Chemistry 1, Biology 52, Sociology 75, Psychology 118. *Suggested courses:* Biology 30, 111; Physical Education 61; Industrial Arts 45 or 46, 53; Music 18; Art 7.

REQUIREMENTS FOR A DIETETICS MAJOR: A minimum of 35 semester hours including courses 3, 4, 15, 16, 31, 32, 106, 111, 113, 114, 116, 141, 142. *Supporting courses:* Chemistry 1, 41, 44; Biology 1, 2, 52, 111; Sociology 75; Economics 1.

The Professional major is suggested for those who wish to qualify for graduate study and home demonstration work.

3. DESIGN—A fundamental course in the study of color, form line, and texture, and the application of their principles to daily living. *Two hours.* 10:30, M., W.

4. COSTUME DESIGN—Line, color, form, and texture in costume design and selection, as related to the requirements of the individual. Prerequisite: Design or permission of instructor. *Two hours.* 10:30, M., W.

15. FOODS—A study of the fundamentals of elementary nutrition and food economics. Meal planning; service and practice in food

preparation. One recitation and four hours laboratory a week. *Three hours.* 8:40, T. Laboratory 1:15-3:55, T., Th.

16. **FOODS AND MEAL PLANNING**—A continuation of the study of principles of food cookery. Meal planning; service and practice in food preparation. One recitation and four hours laboratory a week. *Three hours.* 8:40, T. Laboratory 1:15-3:55, T., Th.

23. **THE HOUSE**—A study of the housing needs of the family; management of time and effort; important factors in providing and maintaining family life in the home; choice of equipment for the home. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

24. **INTERIOR DECORATION**—A study of the principles governing the selection of furniture, textiles, pictures, and other furnishings for the home, and their arrangement with appropriate backgrounds. Prerequisite: Design or permission of instructor. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

31. **TEXTILES**—A study of the structure and finishes of fibers and yarns; and the construction, design, selection, and care of fabrics as they relate to the consumer. Two recitations and one laboratory hour a week. *Three hours.* 7:45, T., W., F.

32. **FUNDAMENTALS OF CLOTHING**—A study of the selection of clothing with relation to the individual; wardrobe planning and budgeting. A study of commercial patterns and principles of garment construction. One recitation and three hours laboratory a week. Prerequisite: Textiles or permission of instructor. *Three hours.* 10:30, T., Th., F. Laboratory 1:15-3:55, W.

106. **CHILD GUIDANCE**—A study of the needs of the young child; the principles involved in understanding and guiding young children in daily living. *Three hours.* 8:40, M., W., F. Not open to those having Education 42 and 46.

111. **EXPERIMENTAL COOKERY**—A study of the preparation of food from the experimental standpoint. One recitation and three hours laboratory a week. Prerequisite: Foods 15 and 16. Alternate years; offered 1954-1955. *Two hours.* 8:40, Th. Laboratory 1:15-3:55, Th.

113. **QUANTITY COOKERY**—Food problems of institutions, including the preparation and serving of food in large quantity, menu planning, and food costs. The college cafeteria will be used as a laboratory. One recitation and six hours laboratory a week. Prerequisite: Foods 15 and 16. Alternate years; offered 1953-1954. *Three hours.* 8:40, Th. Laboratory 1:15-3:55, M., W.

114. **INSTITUTIONAL MANAGEMENT**—Problems involved in the organization and management of food service units. The school cafeteria will be used for observation and study. Prerequisite: Quantity Cookery. Alternate years; offered 1953-1954. *Three hours.* 11:25, M., T., Th.

116. **FAMILY FINANCE**—A study of some of the economic problems

involved in the efficient management of the family's financial resources, and a consideration of the problems a consumer must face in purchasing present day commodities. Alternate years: offered 1953-1954. *Three hours. 7:45, T., W., F.*

117. **FAMILY HEALTH**—Factors conducive to family and community health; home-nursing procedures; and how family members may work together toward healthy personalities. Alternate years offered 1953-1954. *Three hours. 11:25, M., T., Th.*

125. **APPLIED DRESS DESIGN**—The application of design principles to dress. The development of the foundation pattern from which a suitable flat pattern design is constructed for the individual, and the construction of the garment. Six hours of recitation and laboratory a week. Prerequisite: Clothing 32. *Two hours. 1:15-3:55, T., Th.*

126. **TAILORING**—The techniques of tailoring are taught in the construction of either a suit or coat. Six hours of recitation and laboratory a week. Prerequisite: Clothing 32. *Two hours. 1:15-3:55, T., Th.*

141. **NUTRITION**—A study of the digestion, metabolism and nutritive value of foods; the protein, mineral, vitamin, and energy needs of the body. Prerequisite: Foods, Physiology, and Biochemistry or permission of the instructor. *Three hours. 7:45, T., W., F.*

142. **NUTRITION AND DIETETICS**—Food requirements during normal infancy, childhood, adult life, and old age; food requirements in pathological conditions. Special diets, preparation of trays, computation of dietaries, and consideration of costs. Prerequisite: Nutrition 141. One recitation and four hours laboratory a week. Alternate years: offered 1953-1954. *Three hours. 8:40, Th. Laboratory 1:15-3:55, M., Th.*

189-190. **PROBLEMS IN HOME ECONOMICS**—Advanced study of special topics in home economics. Prerequisite: Consent of the instructor. *One to three hours. By appointment upon demand.*

Mathematics

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours including courses 5, 6, 51-52, 101-102.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours, eight of which must be from Physics 5-6, and the remainder from Chemistry and/or Biology.

2. **PRINCIPLES OF ARITHMETIC**—Theory and development of the principles of arithmetical calculation. Special emphasis is placed on common and decimal fractions, ratio and proportion, and the symbolism of graphical notation. *Three hours. 10:30, T., Th., F.*

5. **ALGEBRA**—Fundamental laws of algebra, formulas, signed numbers, linear and quadratic equations, graphs, exponents, and radicals. *Three hours. 9:35, M., W., Th.*

8. TRIGONOMETRY—Methods of measuring distances by the use of angles. Solution of triangles, vectors, circular motion, use of logarithms, and solution of equations. Prerequisite: Algebra 5. *Three hours.* 9:35, M., W., Th.

91. ANALYTIC GEOMETRY—Coordination systems, functions and graphs, loci and conics. Prerequisite: Trigonometry 6. *Four hours.* 7:45, M., T., W., F.

80. CALCULUS I—Differentiation of algebraic, trigonometric, and exponential functions, maxima and minima. Problems involving areas, lengths, surfaces and volumes solved by integration. Prerequisite: Analytic Geometry. *Four hours.* 7:45, M., T., W., F.

101. CALCULUS II—Advanced work in integration, series, center of gravity and moment of inertia. *Four hours.* 11:25, M., T., Th., F.

116. MECHANICS—A study of theory and problems relating to force, center of gravity, friction, velocity and acceleration of objects, momentum, work and energy. Alternate years, offered 1953-1954. *Three hours.* 10:30, T., Th., F.

121. MATHEMATICAL THEORY OF ELECTRICITY—The application of calculus to problems in electricity. Alternate years; offered 1954-1955. *Three hours.* 10:30 T., Th., F.

132. HIGHER ALGEBRA—Algebra of sets, cardinal numbers, probability, theorems about groups, pure mathematics. Alternate years; offered 1954-1955. *Three hours.* 10:30, T., Th., F.

189-190. PROBLEMS IN MATHEMATICS—Advanced study of special topics in mathematics, according to the needs of the individual student. Prerequisite: 12 hours of mathematics. *Two or three hours.* By appointment.

Physics

1-2. PHYSICAL SCIENCE—An introductory study of selected topics relating to constellations, stars, sun, planets, force, energy, heat, sound, light, X rays, atoms, protons, neutrons, and nuclear energy. Discussions, demonstrations, evening observations, and laboratory exercises. *Two hours.* 8:40, T., Th.

5-6. GENERAL PHYSICS—First semester: A thorough study of force, work, pressure, rotary and vibratory motion, and heat. Second semester: Theory of light, sound, electricity, magnetism, motors, generators, radio, and numerous practical problems. Three recitations and one three-hour laboratory period a week. *Four hours.* 8:40, M., W., F.

105-106. ADVANCED PHYSICS—Advanced laboratory practice in electricity, mechanics, heat, and light. Prerequisite: Physics 5-6 and Calculus. By appointment. *One hour.*

116. MECHANICS—A study of theory and problems relating to force, center of gravity, friction, velocity and acceleration of objects, momen-

tum, work and energy. Alternate years; offered 1953-1954. *Three hours.* 10:30, T., Th., F.

121. MATHEMATICAL THEORY OF ELECTRICITY—(See Mathematics [21]). *Three hours.*

123. ATOMIC THEORY—Theory of electrons, atoms, isotopes, ionization. X rays, crystal structure, radioactivity, and the formation of spectra. Prerequisite: Physics 5-6. Alternate years; offered 1953-1954. *Three hours.* 10:30, T., Th., F.

152. ASTRONOMY—A study of constellations, planets, meteors, and comets; size, composition, and motions of the sun and stars. Alternate years; offered 1952-1953. *Two hours.* 11:25, W., F. (Evening School three hours).

Rural Life

REQUIREMENTS FOR A MAJOR: A minimum of twenty-six semester hours selected from courses 7, 9, 22, 24, 55-56, 65-66, 110, 117, 118, 121, 133-134, 141, 144.

RELATED SUPPORTING COURSES: A minimum of fifteen semester hours selected from courses in Biology, Chemistry, Mathematics, or Economics and approved by the head of the department. 1952-1953. *Three hours.* 10:25, M., T.

7. FARM CROPS—Principles of crop production including choice of crops and varieties, seed bed preparation, care during growth and harvesting. Crop rotation, crop fertilization, pasture management, weed control, and a study of the more common types of field crops. Two recitations and two hours laboratory a week. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

9. POULTRY HUSBANDRY—Principles and practices of poultry production. Classification of breeds, selection and improvement, culling, incubation, brooding, housing and management practices. Alternate years; offered 1953-1954. *Three hours.* 7:45, T., W., F.

22. ANIMAL HUSBANDRY—A general survey of the livestock industry and its importance to agriculture and present conditions. The fundamentals of livestock production. The work covers cattle, horses and mules, sheep, and swine. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

24. HORTICULTURE—A course dealing with fruits, vegetables, and ornamentals; a survey of the industry, cultural practice, and fundamentals underlying these principles with special emphasis on home production. Alternate years; offered 1953-1954. *Three hours.* 8:40, M., W., F.

55. BENCH METAL—(See Industrial Arts).

56. FARM SHOP—Emphasis is placed upon such activities as

farm carpentry, painting, cold metal work, sheet metal work, rope work, farm electricity, farm plumbing, and other activities commonly performed on the farm in the maintenance, care and upkeep of farm equipment. One hour recitation and four hours laboratory a week. *Three hours. 10:30, W.*

57, 58. ARC WELDING—(See Industrial Arts).

59, 60. ACETYLENE WELDING—(See Industrial Arts).

65. FARM MECHANICS—A course devoted to farm machinery and farm motors. The first semester is devoted to the study of the various kinds of farm machinery, its selection, operation, servicing, and reconditioning. The second semester is devoted to the study of the operation, servicing, and repairing of farm tractor and truck motors. One hour recitation and four hours laboratory a week. *Three hours. 11:25, W.*

66. FARM POWER—Emphasis is put on tractor engines and power transmission units. Laboratory work includes "tune up", maintenance, and common overhaul work. Offered second semester each year. Four hours laboratory per week. *Three hours. 10:30, M.*

110. APPLIED ENTOMOLOGY—Fundamental principles of insect life with emphasis on their economic importance to crop and livestock production. Life history, recognition, and control of principal insects attacking plants and animals. Two hours recitation, two hours of laboratory a week. Alternate years; offered 1953-1954. *Three hours. 11:25, M., T., Th.*

114. PLANT PATHOLOGY—(See Biology).

117. DAIRY HUSBANDRY—A course dealing with the fundamentals of the dairy industry, including selection and breeding of dairy cattle, herd improvement, dairy cattle management, constituents of milk, common dairy tests, and processing and manufacture of dairy products. Alternate years; offered 1953-1954. *Three hours. 11:25, M., T., Th.*

118. JUDGING LIVESTOCK—This course deals with the major domestic animals, stressing dairy and beef cattle, swine, and sheep. The emphasis is on animal characteristics desired and the breeding and selection to acquire them. Much time is spent in the actual practice of judging. Alternate years; offered 1953-1954. *Two hours. Appointment.*

121. AGRICULTURAL MARKETING—A general study of the marketing system for farm products including a study of the farmer and his market, the principles of agricultural price determination, principles of co-operative marketing, commodity marketing, and public problems related to agriculture. Prerequisite: Economics 1-2. Alternate years; offered 1954-1955. *Three hours. 1:15, M., W., F.*

133-134. ANIMAL NUTRITION—A study of the digestive system and processes of nutrition, chemical analysis and feeding values of feed stuffs, application to efficient livestock production. Field observation

of successful feeding practices. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

141. SOILS—Fundamental principles underlying the formation, fertility, and management of soils. Principles of soil fertility in relation to crop growth, practical problems of soil management, fertility maintenance, and erosion control. Alternate years; offered 1952-1953. *Three hours.* 1:15, M., W., F.

144. FARM MANAGEMENT—Application of economic principles to organization and management of the farm. Use and analysis of farm records, budgeting, size of business, choice of enterprises, types of farming, leases, and farm credit. Prerequisite: Economics 1-2. Alternate years; offered 1954-1955. *Three hours.* 1:15, M., W., F.

168. AUTO MECHANICS—An advanced study of auto engines. Work includes machine work in rebuilding auto engines such as valve facing, valve seating, pin fitting, reboring cylinders, etc. Much emphasis is placed on engine tolerances and fitting precision parts. *Three hours.* 11:25, W. Four hours laboratory required.

173. FARM BUILDING CONSTRUCTION—(See Industrial Arts).

189-190. PROBLEMS IN RURAL LIFE—Advanced study of special topics in rural life. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

General Science

7. ELEMENTARY SCHOOL SCIENCE—A study of the relation of astronomy, chemistry, geology, physics, and biological sciences to everyday living, stressing the instruction of this subject matter to elementary school students. Laboratory and demonstrations each week. *Three hours.* 7:45, T., W., F.

The Division of Social Sciences

FACULTY

RAYMOND FLORY, *Chairman*

Kenneth C. Hechtel
Desmond W. Bittinger
Samuel Milton Dell
Mary Fee
Guy Hayes

John Kough
Alice B. Martin
Burton Metzler
Oscar A. Olson
Aivin Willemz

Objectives

To weigh and widen viewpoints, to analyze critically, and to handle social data skillfully.

To afford a practical and devotional interpretation of religion as an effective means to personal faith and life.

To develop skill commensurate with the ability of the individual.

To encourage adequate integration of the intellectual life.

To lay a foundation for the integrated education of those students who expect to pursue graduate work or to enter into vocations, success in which calls for a high degree of general culture.

To guide the total experience of the learner into the progressive achievement of personality.

Economics and Business Administration

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours including courses 1-2, 5-6, 125 or 126, 130, and 151.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours must be completed in the following departments: History and Political Science, Psychology, and Sociology. Courses especially recommended: United States Government and Principles of Sociology.

Students who plan to teach high school commercial subjects are advised to prepare to teach both shorthand and typewriting.

1-2. ELEMENTARY ECONOMICS—The work of the first semester deals with general economic principles and lays a foundation for most courses in the field of business. The work of the second semester deals with an application of the principles to everyday economic problems. Some of the problems discussed are: banking, money, international trade, foreign exchange, transportation, wage problems,

population and immigration, taxation, and industrial unrest. *Three hours.* 11:25, M., T., Th.

5-6. **ELEMENTARY ACCOUNTING**—Fundamental principles of accounting. Theory of debit and credit as applied to the keeping of double entry books. Preparation of simple financial statements and method of closing the ledger. Partnership and corporation accounting. The use of columnar books and controlling accounts. *Three hours.* 1:15, M., W., F.

17. **ECONOMIC HISTORY OF THE UNITED STATES**—A general survey of the development of agriculture, manufacturing, transportation, and exchange of goods; economic crises. land, capital, labor, and the interplay of economic and political forces. Alternate years; offered 1954-1955. *Three hours.* 8:40, M., W., F.

30. **PRINCIPLES OF GEOGRAPHY**—The relation of man to his environment. Physical factors and their effects on man's activities. Regional influences. Primarily a content course which will satisfy the geography requirements for an elementary teacher's certificate. *Three hours.* 8:40, M., W., F.

105. **INTERMEDIATE ACCOUNTING**—A study of accounting principles and procedures essential to the preparation of adequate financial statements with emphasis on the corporate forms. Special attention is given to capital contributions, treasury stock, adjustments and statements of surplus, income determination, cash, receivables, and inventory. Prerequisite: Elementary Accounting. Alternate years; offered 1953-1954. *Two hours.* 8:40, T., Th.

106. **INTERMEDIATE ACCOUNTING**—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: 105. Alternate years; offered 1953-1954. *Two hours.* 8:40, T., Th.

109. **INTERNATIONAL ECONOMICS**—This course deals with the theory of international values as related to foreign trade, the mechanism of international adjustment, foreign exchange, and other international aspect of monetary theory and banking practice. Among topics covered are: international economic policy, free trade and protection, reciprocal trade agreements, exchange control, economic warfare, and imperialism. Prerequisite: one course in economics or by consent of instructor. Alternate years; offered 1954-1955. *Two hours.* 8:40, T., Th.

110. **BUSINESS LAW**—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. Alternate years; offered 1953-1954. *Three hours.* 7:45, T., W., F.

116. **INCOME TAX ACCOUNTING**—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, partnerships, and small corporations. Some attention is given to Kansas State individual income tax. Prerequisite: three hours of accounting or consent of the instructor. Alternate years; offered 1954-1955. *Two hours.* 8:40, T., Th.

121. **MARKETING**—A study of the functions of marketing and the agencies performing these functions. Elimination of middlemen by co-operative marketing and direct marketing. The retail system, problems of price setting, price maintenance, unfair competition, and relation of government to marketing. Alternate years; offered 1953-1954. *Two hours.* 11:25, W., F.

125. **BUSINESS ORGANIZATION AND FINANCE**—Forms of business organizations, financial policies, and methods of raising capital, forms of securities, theory of plant location, equipment of the plant, determination of costs, scientific management, and employment problems. Alternate years; offered 1953-1954. *Three hours.* 7:45, T., W., F.

126. **INTERMEDIATE ECONOMIC THEORY**—Designed to acquaint the upperclassmen with important theories of recent and contemporary economists and with the relation of economic activities to the general social welfare. Open to students who have had a course in elementary economics and other upperclassmen with the consent of the instructor. Alternate years; offered 1954-1955. *Two hours.* 11:25, W., F.

130. **PUBLIC FINANCE**—Public expenditures, public revenues, public debt, and the tax problem are considered. Special emphasis is placed upon shifting and incidence of taxation, and upon the present tax system in the United States. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

140. **LABOR ECONOMICS**—Growth of a working class; trace-unionism, collective bargaining, and public policy; economics of income and security. Emphasis on recent labor legislation and on recent developments in the field of social security. Alternate years; offered 1953-1954. *Two hours.* 11:25, W., F.

151. **MONEY AND BANKING**—Nature and functions of money, relation to prices, monetary system of U. S., functions of banks, bank statements, bank credit, the American banking system, bank organization, foreign exchange, and foreign banking systems. Alternate years; offered 1954-1955. *Three hours.* 7:45, T., W., F.

199-200. **INDEPENDENT STUDY IN ECONOMICS**—See regulations governing independent study. *One to three hours.*

SECRETARIAL SCIENCE

11. **ELEMENTARY TYPEWRITING**—A course for students who have had no previous training in typewriting. The purpose is to obtain a working knowledge of the keyboard, and to develop considerable speed. *Three hours.* 7:45, M.; 8:40, T., Th.

12. **ADVANCED TYPEWRITING**—This course is intended for students who wish to prepare for clerical or secretarial positions, or for the teacher who will teach typewriting. Prerequisite: Course 11, or its equivalent. *Three hours.* 7:45, M.; 8:10, T., Th.

13. **ELEMENTARY SHORTHAND**—A beginning course in Gregg shorthand in functional method. The aim is to develop an understanding of the basic principles of the shorthand system, and to apply these principles to an extensive vocabulary. Transcription and dictation is required with a minimum speed of sixty words a minute. *Three hours.* 9:35, M., W., Th.

14. **ADVANCED SHORTHAND**—Work is given in rapid dictation and transcription. A speed of from 110 to 120 words a minute is required. Prerequisite: Course 13 or its equivalent. *Three hours.* 9:35, M., W., Th.

20. **BUSINESS COMMUNICATIONS**—The work consists of a study of sentence structure, punctuation, capitalization, spelling, and the proper use of words. Much of the time, however, is devoted to the application of English in the various phases of correspondence, and actual practice in writing business letters. Alternate years offered 1953-1954. *Two hours.* 2:10, T., Th.

49. **OFFICE PRACTICE**—A study of office practice, the duties of the secretary and stenographer, advanced dictation, filing, and the use of office machines and devices. Prerequisite: typing. Alternate years; offered 1954-1955. *Two hours.* 2:10, T., Th.

Education and Psychology

REQUIREMENTS FOR A MAJOR: A minimum of thirty semester hours.

SUPPORTING COURSES: Fifteen hours including Principles of Speech (2 or 4 hours) and the remainder distributed among the Social Sciences, Physical and Biological Sciences, and Humanities as arranged by student and adviser.

The first three courses described below are applicable to the major in Education and Psychology, but they may not be used as professional requirements for teacher certification.

1, 2. **GENERAL PSYCHOLOGY**—This course is designed to give the student a general knowledge of human psychology. It includes such topics as the nervous system, sensations, emotions, perceptions, learning, intelligence, and personality. This course is a prerequisite for all other psychology courses. *Three hours.* 9:35, M., W., Th.

105. **SOCIAL PSYCHOLOGY**—In this course an attempt is made to explain group behavior in terms of psychological laws and principles. Special emphasis is placed on the effects of environment on personality development. Prerequisite: Psychology 1 or 2. Alternate years, offered 1954-1955. *Three hours.* 3:05, M., W., F.

124. APPLIED PSYCHOLOGY—Psychology principles are considered in their application to individual differences and personal efficiency in various occupations. Prerequisite: Psychology 1 or 2. Alternate years; offered 1953-1954. *Three hours.* 1:15, M., W., F.

AREA DISTRIBUTION

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

A—GUIDANCE

42. CHILD PSYCHOLOGY—A study of the physical, mental, social, and personality growth and development of the normal child from birth to maturity. An attempt is made to develop ability to deal with practical problems incidental to childhood as they concern child care and education. Prerequisite: Psychology 1 or 2. *Three hours.* 8:40, M., W., F. Not open to those having Education 106 or 46.

46. CHILD GROWTH AND DEVELOPMENT—Early and middle childhood growth and development, the child's special needs and his characteristic reactions are studied for the purpose of guidance. *Three hours.* 8:40, M., W., F. Not open to those having Education 106 or 42.

103. ABNORMAL PSYCHOLOGY—A study of the organization, disorganization, and reorganization of human behavior as it is concerned with thinking, wishing, loving, hating, learning, fearing, forgetting, avoiding, desiring, and hiding. All these are studied from the biosocial point of view. Prerequisite: Psychology 1 or 2. Summer Session; may be offered on sufficient demand. *Three hours.*

106. CHILD GUIDANCE—A study of the needs of the young child; the principles involved in understanding and guiding young children in their daily living. *Three hours.* 8:40, M., W., F. Not open to those having Education 42 or 46.

107. GUIDANCE—A study of methods 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. Alternate years; offered 1953-1954. *Three hours.* 8:40, M., W., F.

116. EDUCATIONAL PSYCHOLOGY—The development of young people of school age in physique, health, interests, social habits, emotions, and intelligence is studied in this course. Emphasis is also placed upon learning and forgetting, evaluation of learning, the hygiene of work, and transfer of training. Prerequisite: Psychology 1 or 2. *Three hours.* 9:35, M., W., Th.

118. **PSYCHOLOGY OF ADOLESCENCE**—A study of the adolescent with special emphasis on the problems of physical and mental growth, interests, ideals, vocational selection, and social adjustment. Prerequisite: Psychology 1 or 2. Alternate years; offered 1954-1955. *Three hours.* 7:35, T., W., F.

141. **EDUCATIONAL TESTS AND MEASUREMENTS**—A functional approach to measurement in present day schools. The emphasis is placed upon problems relating to the intelligent use and interpretation of tests on the various levels of instruction. Alternate years; offered 1953-1954. *Three hours.* 1:15, M., W., F.

145. **NONTYPICAL CHILD**—A study of the special psychological and educational problems of children who deviate from the normal. Basic theories of intelligence as applied to deviates. Emphasis upon school problems of mentally subnormal and gifted children; delinquents and other maladjusted children; blind, deaf, and hard of hearing children; and other types of nontypical children. Prerequisite: Psychology 1 or 2. Alternate years; offered 1954-1955. *Three hours.* 8:40, M., W., F.

B—PRINCIPLES

15. **INTRODUCTION TO EDUCATION**—A beginning course in education introducing orientation to teaching, the teacher's role in society and in professional relationships, and the characteristics of the American public school system. *Three hours.* 1:15, M., W., F.

100. **PRINCIPLES OF ELEMENTARY EDUCATION**—Development of elementary education in the United States. A study of school plants, social background of students, nature of learning, objectives, subject matter, and organization of elementary education. Ethical, social, and legal responsibilities of teachers are considered. *Three hours.* 11:25, M., T., Th.

123. **PRINCIPLES OF SECONDARY EDUCATION**—This course is designed to give the student some knowledge of the aims and objectives of secondary education and the place of various subjects in the attainment of these goals. Some attention is also given to the problem of accessibility of secondary education and the coordination of elementary, secondary, and higher educational systems. *Three hours.* 1:15, M., W., F.

125. **EDUCATIONAL SOCIOLOGY**—Education is considered in its social setting. A study of the family, community, and social institutions as they affect the school system and as the school system affects them. Alternate years; offered 1953-1954. *Three hours.* 9:35, M., W., Th.

135. **HISTORY OF EDUCATION**—The essential educational philosophies and developments from classical times to the present are studied, with special emphasis on a comparative study of current educational practice and thought in Europe and America. Alternate years; offered 1954-1955. *Three hours.* 9:35, M., W., Th.

142. THE SECONDARY CURRICULUM—A study of contemporary curriculum thinking and practice as applied to the subject matter of the high school curriculum. *Three hours, 2:10, M., W., F.*

150. SCHOOL ORGANIZATION, ADMINISTRATION, AND KANSAS SCHOOL LAW—Practices and theories of public school organization, administration, and supervision are studied in this course. Special attention is given to Kansas School Law as it bears upon these practices and principles. Alternate years offered 1954-1955. *Three hours, 8:40, M., W., F.*

C—INSTRUCTION

11-12. INSTRUCTION METHODS, MATERIALS, AND OBSERVATION IN THE ELEMENTARY SCHOOLS—A study of the methods of teaching and evaluating pupil progress in the divisions of the elementary school with emphasis on how to direct learning in each of the language arts. The student will learn how to use audio and visual aids in teaching, and directed observation will be used in studying pupil problems in learning. *Three hours, 10:30, T., Th., F.*

31-32. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL—The students observe and do actual teaching, under supervision, in the public elementary schools of the City of McPherson. For students who are earning the *state-hour certificate*. Weekly conferences, 10:05, F. *Two to five hours. By appointment.*

121. METHODS OF TEACHING IN THE HIGH SCHOOL—A study of the methods of teaching and evaluating pupil progress in the secondary school field, knowledge of and practice in the use of audio-visual aids in teaching, and actual experience in democratic methods of teaching. *Three hours, 2:10, M., W., F.*

133. THE TEACHING OF LANGUAGE AND LITERATURE—(see Literature).

153-154. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL—Students observe and do actual teaching, under supervision, in the public elementary schools of the City of McPherson. For seniors who are earning the *degree certificate*. Weekly conferences, 10:05, T. *Two to five hours. By appointment.*

155-156. SUPERVISED STUDENT TEACHING IN THE HIGH SCHOOL—Students observe and do actual teaching, under supervision, in the public secondary schools of the City of McPherson. Weekly conferences, 7:45, M. *Two to six hours. By appointment.*

158. AUDIO-VISUAL EDUCATION—A study of the more important types of audio-visual materials and equipment suitable for use in elementary and secondary schools. The best means of procuring, preparing, maintaining, and using sense education aids is stressed. Alternate years; offered 1953-1954. *Two hours, 3:05, T., Th.*

D—SPECIAL

188-190. PROBLEMS IN EDUCATION OR PSYCHOLOGY—Advanced study

of special topics in education or psychology. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

TEACHER EDUCATION

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

Students who wish to qualify for any teaching certificate must receive the approval of an examining committee, composed of the Director of Student Teaching, chairman, the Dean of the College, and the heads of the three divisions. The applications of those who wish to qualify for the sixty-hour certificate must be approved before enrollment for the second semester of the freshman year. The applications of students who wish to qualify for a degree certificate must be approved before enrollment for the first semester of the junior year.

Application forms may be obtained from the Head of the Department of Education at the time of registration. When completed, they should be taken to the Director of Student Teaching.

A good learning situation is provided for student teaching in the McPherson Public Schools under the supervision of critic teachers. This system, which is organized under the 5-3-4 plan, includes four elementary schools, one intermediate school, and one senior high school. Here student teachers observe excellent methods in teaching and the demonstration and use of modern equipment and teaching materials.

REQUIREMENTS FOR ELEMENTARY TEACHERS

Only those teachers who have been trained in elementary education shall be permitted to teach in elementary schools.

REQUIREMENTS FOR SIXTY-HOUR CERTIFICATE

	Semester hours
Child Development or Child Psychology	3
English: Rhetoric and Composition	6
Student Teaching in Elementary School	3
Instruction Methods with emphasis on the teaching of reading, Directed Observations, and Materials in Elementary Schools	6
Children's Literature	2
Science for the Elementary School	3
Principles of Geography	3
Health Education: Personal Hygiene and Community Health	3
Play Activities	2

Elementary School Music	3
Elementary School Art or Crafts	3
Social Studies (Government and U. S. History)	6
Electives	17

(SUGGESTED CURRICULUM)

First Semester		Freshman Year		Second Semester		Hours
	Hours					
Psychology	1	English	1	English	1	1
English	1	Instruction Methods, Materials,	1	Instruction Methods, Materials,	1	1
Instruction Methods, Materials	1	and Observation	1	and Observation	1	1
and Observation	1	School Health Education	1	School Health Education	1	1
Playground Activities	1	Child Psychology	1	Child Psychology	1	1
Elective	1	Children's Literature	1	Children's Literature	1	1
		Elective	1	Elective	1	1
Total	5			Total	5	5

First Semester		Sophomore Year		Second Semester		Hours
	Hours					
United States History	1	United States History	1	United States History	1	1
Elementary School Music	1	Principles of Geography	1	Principles of Geography	1	1
Elementary School Art	1	Student Teaching	1	Student Teaching	1	1
Elementary School Science	1	Elective	1	Elective	1	1
Elective	1					1
Total	5			Total	5	5

REQUIREMENTS FOR THE DEGREE ELEMENTARY CERTIFICATE

a. GENERAL EDUCATION—45 semester hours minimum credit distributed as follows:

Social science (including history)	10
Literature, language, art, philosophy, or general religion	10
Physical and biological sciences (must be selected from biology, physics, chemistry departments)	10
Electives in above areas (3 semester hours in General Psychology may be included)	15
Total	45

b. PROFESSIONAL EDUCATION—24 semester hours distributed as follows:
A minimum of—

6 SEMESTER HOURS directed toward understanding the individual, such as courses in Educational Psychology, Child Psychology, Child Development, Human Growth and Development, the Nontypical Child, Guidance, Theory of Personality, etc.

6 SEMESTER HOURS directed toward understanding the function of the school as a social institution including some emphasis on public and professional relations from such courses as Educational Sociology, History of Education, Social Foundations of Education, School and Society, Principles of Education, Philosophies of Education, etc.

6 SEMESTER HOURS directed toward obtaining competence in instruction at the elementary level which must include at least 3 semester hours in directed teaching. Other courses in this field may be general or special methods, or curriculum.

6 SEMESTER HOURS elective in professional courses.

c. RELATED ACADEMIC EDUCATION—15 semester hours.

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

d. Comprehensive courses may be accepted in meeting requirements in a, b, and c above if subject matter as indicated is included in such courses. Apportionment shall be recommended by the college in which the courses were taken.

REQUIREMENTS FOR SECONDARY TEACHERS

1. In order to be eligible to teach in any of the secondary schools of the state, the applicant shall have the following minimum requirements:

a. 45 semester hours of general education including:

	Semester Hours
Social sciences (including history)	10
Literature, language, art, philosophy, or general religion	10
Physical and biological sciences	10
Electives in above areas (3 semester hours in General Psychology may be included)	15
Total	45

b. 18 semester hours of professional education including:

6 SEMESTER HOURS directed toward understanding the individual, such as courses in Educational Psychology, Child Psychology, Child Development, Human Growth and Development, The Nontypical Child, Guidance, Theory of Personality, etc.

6 SEMESTER HOURS directed toward understanding the school as a social institution. The various educational courses in history, supervision, principles, philosophy, curriculum, extra-class activities, school finance and laws are examples.

6 SEMESTER HOURS directed toward obtaining competence in instruction at the secondary level which must include at least 3 semester hours in directed teaching. Other courses in this field may be general or special methods, or curriculum.

2. Certificates issued to secondary teachers shall limit their teaching to the secondary field.

LENGTH OF VALIDITY OF CERTIFICATES

Original certificates shall be issued for a period not greater than

three years and renewal on experience shall not be longer than for five years and subsequent renewal requirements shall include a minimum of six semester hours of additional approved college study.

UPPER LEVEL CREDIT REQUIRED

Not less than six semester hours of the twenty-four semester hours credit prescribed for teaching in the fields of English, social science, science, and home economics, and six semester hours of the prescribed professional education credit shall be of senior college upper division level.

ACADEMIC REQUIREMENTS FOR TEACHING IN KANSAS HIGH SCHOOL

The usual requirement to teach a subject is fifteen college hours in that subject. This is covered thoroughly in appendix B of the Certificate Handbook of the State of Kansas which may be secured from the Head of the Education Department.

HIGH SCHOOL TEACHING COMBINATIONS

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

English with language, fine arts, or social studies.

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

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

Science with mathematics, industrial arts, or physical education.

Home economics with English, social studies, or science.

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

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

Music with English, or social studies.

Art with English, music, or home economics.

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

CERTIFICATION IN STATES OTHER THAN KANSAS

Requirements for certification to teach in the public schools, either elementary or secondary, may vary widely from state to state. In view of this fact, any student who plans to qualify to teach in another state than Kansas should, when he first enrolls, consult the

Head of the Department in order to make sure that he is engaged in a program that meets the particular requirements of the state involved.

History

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours including courses 5-6, 7-8, 117, 122, and 198.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours selected from Political Science, Economics, and Sociology, and approved by the head of the department.

5-6. EUROPEAN HISTORY—This survey, recommended as the basic history course, considers Greek and Roman civilizations; medieval institutions, ideas, and struggles; the period of the Renaissance and Reformation; the rise of the strong monarchies; the Industrial Revolution; the nineteenth-century nationalism, liberalism, and imperialism; the two World Wars and the movements for collective security. *Three hours.* 7:45, T., W., F.; 8:40, M., W., F.

7-8. UNITED STATES HISTORY—First semester: 1492-1865; second semester: since 1865. A survey of the political and social growth of the American people from colonial times to the present. *Three hours.* 10:30, T., Th., F.

91. FIELD SESSION IN MEXICAN HISTORY—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. Alternate years; offered August, 1955. *Three hours.* Limited enrollment.

107-108. ENGLISH HISTORY—First semester: until 1688; second semester: 1688 to the present. The political, economic, and social development of the English people from the earliest times, with emphasis on England's place in modern history. Alternate years; offered 1954-1955. *Two hours.* 1:15, M., W., F.

111. GREEK HISTORY—A study of the political, social, and cultural development of ancient Greece and its legacies to the Occidental world. Alternate years; offered 1953-1954. *Two hours.* 8:40, T., Th.

112. ROMAN HISTORY—A study of the political, social, and cultural development of the ancient Romans and their contributions to western civilization. Alternate years; offered 1953-1954. *Two hours.* 8:40, T., Th.

117. TWENTIETH CENTURY EUROPE—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. Alternate years; offered 1953-1954. *Three hours.* 1:15, M., W., F.

118. LATIN AMERICAN HISTORY—From the colonization by the Spanish and the Portuguese to the present. The institutions of the old

regime, the wars of independence, developments and problems of the new nations, and their relations with the United States are emphasized. Alternate years; offered 1953-1954. *Three hours.* 1:15, M., W., F.

119. THE FAR EAST—A survey of the emergence of modern Japan, the Chinese struggle for national sovereignty, and contemporary political conflicts, with emphasis on the cultural contrasts between the Occident and the Orient. Alternate years; offered 1953, 1955. *Two hours.* 8:40, T., Th.

122. TRANS-MISSISSIPPI WEST—A regional study with emphasis on climatic and geologic backgrounds, exploration, settlement, and present day economic and political significance. Alternate years; offered 1952-1953. *Two or three hours.* 8:40, T., Th.

155. AMERICAN DIPLOMATIC HISTORY—A study of the diplomatic relations of the United States from the Revolutionary period to the present. Alternate years; offered 1954-1955. *Three hours.* 11:25, M., T., Th.

191. FIELD SESSION IN MEXICAN HISTORY—A reading and laboratory course in Mexican history which is largely constituted of travel and residence in Mexico. The reading and study requirement in this course is more extensive than that in course 91. Prerequisite: Instructor's permission. Alternate years; offered August 1955. *Three hours.* Limited enrollment.

198. SEMINAR IN HISTORY—The purpose of the course is to integrate the various areas of history with a view toward developing a comprehensive concept of the total field. Some attention is paid to writers in the field and to the various schools of historical thought. This course is recommended for those people who teach history. *Two hours.* Time to be arranged.

189-190. PROBLEMS IN HISTORY—Advanced study of special topics in history. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

POLITICAL SCIENCE

I. UNITED STATES GOVERNMENT—A critical study of the organization and operation of the federal, state, and local governments. Alternate years; offered 1953-1954. *Three hours.* 11:25, M., T., Th.

101-102. STUDIES IN AMERICAN GOVERNMENT—This course is designed for those who desire advanced work in special areas of American Government. It is largely of a research nature, and results of the research must be submitted in thesis form before credit will be granted in the course. Open only to students who have taken course No. 1, United States Government, or who have passed a comprehensive qualifying examination over the general field of United States Government. *One to three hours.* By appointment.

120. AMERICAN POLITICS—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. Alternate years; offered 1953-1954. *Two or three hours. 1:25, M., T., Th.*

150. INTERNATIONAL RELATIONS—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. Alternate years; offered 1953-1954. *Three hours. 11:25, M., T., Th.*

Industrial Arts Education

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours, including courses 3, 53-54, 58 or 60, 106, 136, 141, and 161, 175, or 122.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours selected from Physics and Mathematics, Economics, and Sociology, and approved by the head of the department.

3. ENGINEERING DRAWING—A survey course which emphasizes correct drawing practices and principles. Required in engineering courses, and should be taken before any of the other courses in Industrial Arts. Two recitations and two hours laboratory a week. *Three hours. 1-15, T., Th.*

12. MACHINE DRAWING—Requirement for engineering course. Prerequisite: Industrial Arts 3 or its equivalent. One recitation and two hours laboratory a week. *Two hours. 1:15, Th.*

40. METHODS IN INDUSTRIAL ARTS—A workshop in arts and crafts designed for persons interested in teaching, summer camping, church recreation, and general hobby training. Applicable to a teacher's sixty-hour certificate. Six to eight hours each day, six days a week. Offered only during the summer session. *One to three hours.*

45-46. ARTS AND CRAFTS—This course includes metal foil, plastics, leather work and general crafts. One hour recitation and four hours laboratory a week. *Three hours. 11:25, M.*

53-54. WOODWORKING PROBLEMS—Emphasis is placed on the tool process and learning units involved, as well as design, construction, and finishing wood; also, the use, care, and operation of the woodworking machines. One recitation and four hours laboratory a week. *Three hours. 10:30, W.*

55. BENCH METAL—A study in working with metal including such operations as drilling, filing, cutting, bending, threading holes, and polishings. Sheet metal practice is also a part of this study as is tool maintenance and safety in the use of tools and equipment. *Three*

hours. 10:30, Wednesday, 3 hours laboratory per week.

56. FARM SHOP—(See Rural Life).

57, 58. ARC WELDING—A course consisting of theory and use of electric welder and practice in making typical welds. Two hours a week required. *One hour.* By appointment.

59, 60. ACETYLENE WELDING—A course consisting of the theory and use of the welding torch, and practice in making the typical welds. Two hours a week required. *One hour.* By appointment.

65. FARM MECHANICS—(See Rural Life).

66. FARM POWER—(See Rural Life).

106. ADVANCED WOODWORK AND DESIGN—A special course in advanced woodwork for major students. Advanced woodwork and woodturning are combined with lectures on theory of design, construction and finishing. One recitation and four hours laboratory a week. *Three hours.* 11:25, W.

122. ARCHITECTURAL DRAWING—Course includes standard conventional plans and specifications for a modern home. Also brief study of trends in modern architecture. Two recitations and two hours laboratory a week. Alternate years; offered 1953-1954. Prerequisite: Engineering Drawing. *Three hours.* 8:40, T., Th.

130. HISTORY OF INDUSTRIAL ARTS—A course dealing with the history, philosophy, teaching methods, and trends in industrial arts education. Alternate years; offered 1954-1955. *Three hours.* 8:40, M., W., F.

140. METHODS IN INDUSTRIAL ARTS—An intensive workshop in arts and crafts designed for persons interested in teaching, summer camping, church recreation, and general hobby training. Six to eight hours each day, six days a week. Offered only during the summer session. *One to three hours.*

141. WOOD AND METAL FINISHING—A course designed to give training, experience, and understanding of finishing. One recitation and two hours laboratory a week. Prerequisite: Industrial Arts 53-54. Alternate years; offered 1953-1954. *Two hours.* 8:40, T., Th.

157-158. ADVANCED WELDING—Laboratory work in acetylene and arc welding plus study of teaching methods, projects, and equipment. Prerequisite: Acetylene Welding and Arc Welding. Two hours a week required. *One hour.* By appointment.

161-162. METAL LATHE—A course designed to give practice in the operation of the metal lathe. Two hours a week required. *One hour.* By appointment.

168. AUTO MECHANICS—(See Rural Life).

173. FARM BUILDING CONSTRUCTION—Planning farm buildings with regard to livestock, grain, feed, and machine storage. Outside appearance of buildings, materials, and economy are also studied. Laboratory

work includes problems in farmstead arrangement and scale construction. Offered first semester each year. *Three hours.* 11:25, Monday. 1 hour laboratory per week.

181. INDUSTRIAL OCCUPATIONS—A course dealing with man's work. Origin, types, and developments of industrial occupations, occupational trends, and occupational possibilities. *Alternate years, offered 1954-1955. Three hours.* 8:40, M., W., F.

189-190. PROBLEMS IN INDUSTRIAL ARTS—Advanced study of special topics in industrial arts. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

Philosophy and Religion

REQUIREMENTS FOR A MAJOR: A minimum of twenty-four semester hours including courses 21, 22, 106, 107, 111, and 116.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours consisting of three hours from each of the following departments: Psychology, Sociology, History, Literature, and Economics.

21. OLD TESTAMENT LIFE AND LITERATURE—A study of Old Testament history, social life, and creative literature from their origins until the Christian era. Special attention to the backgrounds, purposes, and major contributions of the various books within the setting of the times which produced them. *Three hours.* 10:30, T., Th., F.; 2:10, M., W., F.

22. NEW TESTAMENT LIFE AND LITERATURE—A preliminary survey of the ancient civilization from which Christianity developed, followed by a careful study of the literature which the church produced. Careful attention to the social setting, authorship, purpose, and vital contribution of each book, with first-hand studies in each. *Three hours.* 10:30, T., Th., F.; or 2:10, M., W., F.

23. PSALMS AND WISDOM LITERATURE—This course covers the books of Psalms, Job, Proverbs, Ecclesiastes, and the Song of Solomon. These writings are studied in the light of their ancient setting with a view to the discovery of their practical and devotional value for present day experience. *Alternate years; offered 1954-1955. Three hours.* 9:35, M., W., Th.

24. HISTORY OF THE CHURCH OF THE BRETHREN—This course is designed to give an elementary survey of the main facts of the history of the Church of the Brethren. It includes the study of the origin of the church in Germany, the formative period in colonial America, expansion into the west, development of education, the missionary movements, divisions, and present opportunities. *Alternate years; offered 1954-1955. Three hours.* 8:40, M., W., F.

26. THE CHURCH SCHOOL—A comprehensive and practical course

dealing with the educational task and program of the church with special reference to the Sunday School. Aims, curriculum, organization, and administration will be studied. Alternate years; offered 1954-1955. *Three hours*, 8:40, M., W., F.

51-52. SEMINAR FOR MINISTERIAL STUDENTS—A course designed to introduce the student to the work of the ministry. Such topics as sermon preparation and delivery, pastoral calling, evangelism, preparing persons for church membership, the organization of a church, parliamentary procedure, conducting funeral services, weddings, baptisms, the minister's reading program, the minister's home, and keeping physically fit will be considered. An important book on the work of the minister will be studied each semester. *One hour*: 7:45, M.

106. PROPHET-STATESMEN OF THE OLD TESTAMENT—A study of the great prophetic characters of Hebrew religion in relation to the social problems and political crises of their times. Careful source studies in Amos, Hosea, Isaiah, Jeremiah, etc., show the sensitivity of these leaders to the message of God, and the creative impulse of their thought and action to the life of the world. Alternate years; offered 1953-1954. *Three hours*: 9:35, M., W., Th.

107. INTRODUCTION TO PHILOSOPHY—Approach is made to the field of philosophic thought in terms of its history, leading systems, and most vital problems. The course surveys the meaning, scope, and methods of philosophy; considers the most persistent questions about the universe; introduces the various theories of reality, the problems of knowledge, and the status of values. Alternate years; offered 1954-1955. *Three hours*: 8:40, M., W., F.

111. LIFE AND TEACHINGS OF JESUS—A careful study of Jesus' life and teachings in relation to His social environment, and in the light of the Gospels and of other primary sources of Christian literature. Emphasis upon the practical implication of His life and teachings for present day living. *Three hours*: 11:25; M., T., Th.

116. LIFE AND LETTERS OF PAUL—This course stresses the significance of the Graeco-Roman environment out of which Paul grew, the rise and development of the early Christian church, and the contributions of Paul's life and literary efforts to early Christian and later times. Careful attention to historical background and to the social life of the times is associated with source studies in Paul's own writings. *Three hours*: 11:25, M., T., Th.

126. CHURCH HISTORY—A survey of the origins, evolution, and widening functions of the Christian church in its development from an ancient voluntary association to the most powerful institution and influence of social life. Attention to the environment from which Christianity arose, the organization developed, vital leadership exercised, literature produced, and the place occupied in modern life. Alternate years; offered 1954-1955. *Three hours*: 9:35, M., W., Th.

131. **ETHICS**—A course in moral philosophy which examines the nature of human conduct and the moral reasons underlying it. Conscience and duty are studied in relation to practical personal and social problems, with the constant objective to give worthy direction to daily life. Alternate years; offered 1953-1954. *Three hours.* 8:40, M., W., F.

141. **WORLD RELIGIONS**—A critical appreciation of the great living faiths of mankind with regard to their historic connections, social integration, and religious vitality. Special attention is accorded Taoism, Confucianism, Hinduism, Buddhism, Judaism, Islam, and Christianity. Alternate years; offered 1953-1954. *Three hours.* 9:35, M., W., Th.

150. **PHILOSOPHY OF RELIGION**—An introduction to the most vital problems of religious thought in relation to the working hypothesis of everyday religious living. Investigation into the relationships of philosophy, religion, and science is followed by a careful consideration of faith, God, evil, prayer, and immortality. Alternate years; offered 1953-1954. *Three hours.* 8:40, M., W., F.

189-190. **PROBLEMS IN PHILOSOPHY OR RELIGION**: Advanced study of special topics in philosophy or religion. Prerequisite: Consent of the instructor. *One to three hours.* By appointment.

Sociology

REQUIREMENT FOR A MAJOR: A minimum of twenty-four semester hours including courses 25, 30, 75, 107, and 114.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours in the following three fields, including at least one course in each field: Literature, Biology, and Social Science other than Sociology.

25. **PRINCIPLES OF SOCIOLOGY**—This is a basic course in sociology. The fundamentals of sociology are considered. It is designed for majors in the department as well as those who want to understand the structure and function of society. *Three hours.* 1:15, M., W., F.

30. **RURAL SOCIOLOGY**—A study of rural life, its composition, characteristics, problems, trends, recreations, organizations, and religious, educational, and special interests. The importance of rural America and its attractiveness as a way of life are stressed and ways are sought in which it might meet its present day problems. *Three hours.* 1:15, M., W., F.

38. **SOCIAL STUDIES WORKSHOP**—A workshop which touches on the vital problems of the community. Summer School only. *One hour.*

40. **SOCIAL PROBLEMS**—Some of the important present day social problems will be considered as well as a working philosophy for dealing with these problems. Such problems as race, poverty, and labor will be considered. *Three hours.* 7:45, T., W., F.

52. **THE COMMUNITY**—Consideration is given the various types of

communities and their problems from the sociological point of view. Offered as an evening course. *Three hours.*

75. MARRIAGE AND THE FAMILY—This is a study of courtship and marriage particularly designed for college students. It seeks to examine something of the varied marriage practices in our society but the chief emphasis is upon the strengthening of the home through proper mate selection and marital adjustment. The spiritual, physical and psychological factors of marriage are considered. Open to sophomores, juniors, and seniors. *Three hours. 9:35, M., W., Th.*

106. THE GROWTH OF CULTURE—This course follows the growth of various cultural stages of human development such as our marriage and family patterns, religious beliefs, economic understandings, methods of agriculture, transportation, etc. An effort is made to discover trends and to study how we can lend guidance in the right direction. Religion, history, sociology, philosophy, and several other areas are correlated. *Three hours. 9:35, M., W., Th.*

107. CULTURAL ANTHROPOLOGY—This course seeks to develop an understanding and appreciation of our debt to our progenitors from the standpoint of our beliefs, economics, art, music, language, customs, mores, inventions, all of our culture patterns. It seeks to understand and evaluate the present in the light of the past and to show the continuity of cultural development and accumulation. Alternate years; offered 1954-1955. *Three hours. 1:45, T., W., F.*

108. THE CHURCH AND SOCIAL LIVING—This course will consider the expression of the church through the centuries in social life. The church in general and the Church of the Brethren in particular will receive attention. *Three hours. 10:30, T., Th., F.*

112. CRIMINOLOGY—A study of the causes and characteristics of the criminal and his crime. The course interests itself more in the individual, the criminal, and his relation to his fellows, than in institutions; but it also seeks to analyze and understand the legal and penological aspects of crime, crime prevention, and criminal treatment. Alternate years; offered 1953-1954. *Three hours. 10:30, T., Th., F.*

114. URBAN SOCIOLOGY—The growing importance of cities is traced from early neolithic times, through the several world civilizations that developed, to our great cities of today, crowded with human beings and conditioned by new mores and customs. The city and its relation to the problems of poverty, delinquency, and disease are studied. Recent trends—and progress in housing, zoning, and city planning, looking forward to a better city of tomorrow, are analyzed. Alternate years; offered 1954-1955. *Three hours. 10:30, T., Th., F.*

115. HISTORY OF SOCIAL THOUGHT—This course seeks to trace man's growing realization of his sociality, and the significance of his social relationships from the dawn of his social consciousness. It traces the evolution of great peoples in terms of their great social thinkers and

The Division of Languages, Literature and Arts

FACULTY

SARAH MAY VANCELL, *Chairman*

Kenneth Bechtel	Roy McAuley
Donald R. Frederick	Minnie Mugler
Virginia Harris	Audrey San Romani
E. S. Hershberger	Paul Sollenberger
Maurice A. Hess	Dorothy Sollenberger
Anne Krehbiel	Una Youker
Della Lehman	

Objectives

To contribute to the cultural influences of a college education by developing an appreciation for literature and the arts.

To develop skill in the effective use of English, French, German, Spanish, and Latin.

To develop an appreciation of music and to train capable music teachers and accomplished soloists.

To enable students to secure the basic preparation needed for vocational work and for continued work in graduate schools.

Art

1-2. GENERAL DRAWING AND PAINTING—Studies in still life of line, form, light and shade, and introduction to color and perspective. (Charcoal and pastels). *One or two hours. 2:10-4:00, T., Th.*

5-6. SECOND YEAR DRAWING AND PAINTING—Figure sketching, still life, and outdoor painting in oils or watercolor. *One or two hours. By appointment.*

7. ART APPRECIATION—A survey course of the fine and functional arts, of special interest to liberal arts students. *Two hours. 1:15, T., Th.*

25. ELEMENTARY SCHOOL ART—Projects in drawing, lettering, modeling, carving, weaving, linoleum blocks, and paper cutting. Principles and practice of design and color harmonies using pastel, crayon, and water colors. *Three hours. 2:10, M., W., F.*

31-32. POSTER DESIGN—Practice in lettering. Study of alphabets suitable for posters. Advanced colors and designs. *Alternate years; offered 1954-1955. One to two hours. By appointment.*

The Division of Languages, Literature and Arts

FACULTY

SARAH MAY VANCEIL, *Chairman*

Kenneth Hechtel	Roy McAuley
Donald R. Frederick	Minnie Mugler
Virginia Harris	Audrey San Romani
E. S. Hershbarger	Paul Sollenberger
Maurice A. Hess	Dorothy Sollenberger
Anne Krehbiel	Una Yoder
Della Lehman	

Objectives

To contribute to the cultural influences of a college education by developing an appreciation for literature and the arts.

To develop skill in the effective use of English, French, German, Spanish, and Latin.

To develop an appreciation of music and to train capable music teachers and accomplished soloists.

To enable students to secure the basic preparation needed for vocational work and for continued work in graduate schools.

Art

1-2. GENERAL DRAWING AND PAINTING—Studies in still life of line, form, light and shade, and introduction to color and perspective. (Charcoal and pastels). *One or two hours. 2:10-4:00, T., Th.*

5-6. SECOND YEAR DRAWING AND PAINTING—Figure sketching, still life, and outdoor painting in oils or watercolor. *One or two hours. By appointment.*

7. ART APPRECIATION—A survey course of the fine and functional arts, of special interest to liberal arts students. *Two hours. 1:15, T., Th.*

25. ELEMENTARY SCHOOL ART—Projects in drawing, lettering, modeling, carving, weaving, linoleum blocks, and paper cutting. Principles and practice of design and color harmonies using pastel, crayon, and water colors. *Three hours. 2:10, M., W., F.*

31-32. FOSTER DESIGN—Practice in lettering. Study of alphabets suitable for posters. Advanced colors and designs. Alternate years; offered 1954-1955. *One to two hours. By appointment.*

51, 52. CERAMICS—This course includes the making, decorating, and firing of pottery and other clay forms. *Two hours.* 1:15, T., Th.

101-102. PAINTING—Landscape painting. A study of color and pigments. *One or two hours.* By appointment.

103-104. CREATIVE PATTEEN DESIGN—Special training in creating two-dimensional designs which are applicable to textiles, rugs, wall-paper, and other objects requiring surface ornament. *One to two hours.* By appointment.

105-106. THIRD YEAR DRAWING AND PAINTING; Continuation of 5-6. *One or two hours.* By appointment.

107, 108. ENGRAVING—Study of principles and practice of engraving on wood blocks. Alternate years; offered 1954-1955. *Two hours.* By appointment.

151-152. HISTORY AND APPRECIATION OF ART—Alternate years; offered 1953-1954. *Two hours.* By appointment.

English

REQUIREMENTS FOR A MAJOR: Exclusive of Freshman English, a minimum of twenty-four hours in composition and literature, including courses 21-22; 104, 106, or 146; 105 or 107; 123 or 125; 142.

RELATED COURSES REQUIRED TO SUPPORT A MAJOR: A minimum of fifteen semester hours consisting of from two to six hours in at least three of the following departments: Speech, History (Courses 5-8, 107-108, 111-112), Music Education (Courses 18, 103), Art (Courses 7, 151-152), Journalism, Philosophy and Religion (Courses 107, 131), Sociology (Courses 107, 115), Ancient Languages, Modern Languages: French, German, Spanish.

NOTE: All Juniors and seniors are required to pass a proficiency examination in the writing of English prose.

COMPOSITION

0. ENGLISH—Elementary mechanics of writing. A non-credit course required of students who do not attain a satisfactory score in the English placement tests or junior-senior proficiency examination. By appointment and 11:25, W., F.

1-2. ENGLISH—A study of the fundamentals of composition through their practical application in oral and written themes and in class room discussion. Required of all freshmen except those who can qualify for English 3-4. *Three hours.* 7:15, T., W., F.; 10:30, T., Th., F.; 11:25, M., T., Th.

3-4. ENGLISH—Open to those freshmen whose ranks in preliminary English tests indicate that they can carry work in advance English 1-2. *Three hours.* 7:45, M., and 8:10, T., Th.

7, 8. ENGLISH FOR FOREIGN STUDENTS—A course designed to acquaint

the foreign student with the use of the English language. *One or two hours. By appointment.*

101. CREATIVE WRITING—An advanced course 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. Prerequisite: English 1 and 2, or 3 and 2. Alternate years; offered 1952-1953. *Three hours. 10:25, M., T., Th.*

104. ENGLISH GRAMMAR—A systematic study of grammar, including an explanation of current usages and idioms. Alternate years; offered 1953-1954. *Two hours. 10:30, M., W.*

LITERATURE

103. CHILDREN'S LITERATURE—A study of traditional and modern literature for children from kindergarten to high school, including the making of classifications according to types, ages to which material is suited, authors, and illustrators; and the reading of books, stories, and poems for the development of an appreciation of good literature for children. *Two hours. 8:40, T., Th.*

21-22. INTRODUCTION TO LITERATURE—An introductory course designed to develop a sense of values and appreciation for the best in literature through the study of representative writers. *Three hours. 8:40, M., W., F.; 9:35, M., W., Th.; 1:15, M., W., F.*

104. THE ROMANTIC MOVEMENT—A study of the prose and poetry of the English romanticists of the late eighteenth and early nineteenth centuries. Alternate years offered 1954-1955. *Three hours. 11:25, M., T., Th.*

105. AMERICAN POETRY AND ESSAY—A study of the chief American writers in these forms. Alternate years; offered 1954-1955. *Three hours. 7:45, T., W., F.*

106. THE VICTORIAN ERA—A study of the major developments of English literature from 1835 to the close of the century. Alternate years; offered 1953-1954. *Three hours. 11:25, M., T., Th.*

107. AMERICAN FICTION AND DRAMA—A study of the most significant American writers in these literary forms. Alternate years; offered 1953-1954. *Three hours. 7:45, T., W., F.*

122. THE SHORT STORY—A study of the technique of the short story from representative types. Alternate years; offered 1954-1955. *Two or three hours. 1:15, T., Th.*

123. THE DEVELOPMENT OF THE DRAMA—A study of the development of the drama from its origin in Greece to the twentieth century. Alternate years; offered 1953-1954. *Three hours. 2:10, M., W., F.*

125. THE DEVELOPMENT OF THE ENGLISH NOVEL—A study of the development of the novel, with a detailed study of the characteristic types of the nineteenth century. Alternate years; offered 1954-1955. *Three hours. 2:10, M., W., F.*

133. THE TEACHING OF LANGUAGES AND LITERATURE—A methods course designed particularly for students who plan to teach English and languages. Seven units—composition, literature, library methods, ancient languages, modern languages, speech, and journalism—are included. Offered by the English and language staff. Alternate years; offered 1953-1954. *Three hours.* 4:00-6:00, W.

142. SHAKESPEARE—A study of Shakespeare's plays and of his place in the development of the drama. *Three hours.* 7:45, T., W., F.

146. CONTEMPORARY LITERATURE—A survey of recent literature in England and America. Alternate years; offered 1953-1954. *Three hours.* 2:10, M., W., F.

199, 200. INDEPENDENT STUDY IN ENGLISH—See regulations governing independent study. *One to three hours.*

SPEECH

11. ARGUMENTATION AND DEBATE—A study of the principles of argumentation with practice in application by written briefs and oral argumentation. Important public questions are studied and debated as class projects. Alternate years; offered 1953-1954. *Two hours.* 1:15, T., Th.

20. PRACTICAL DEBATE—This class is intended for freshmen and sophomores who have qualified in the annual tryouts. Teams from this class represent the college in junior college debate tournaments. *Two hours.* By appointment.

25. ORATORY—In this course special attention is given to the study of orations as to composition, structure, style, logic, and thought. An original oration is required to be written by each student. This oration may be used in intercollegiate contests. Alternate years; offered 1954-1955. *Two hours.* 1:15, T., Th.

31, 32. PRINCIPLES OF SPEECH—General speech education and fundamentals of interpretation, together with opportunity for practice in various speech situations. *Two hours.* First semester: 8:40, T., Th., 1:15, T., Th.; 10:30, M., W. Second semester: 1:15, T., Th.

34. ADVANCED SPEECH—A continuation of Principles of Speech. Prerequisite: 31 or 32. *Two hours.* 8:40, T., Th.; 10:30, M., W.

41, 42. SPEECH CORRECTION—Training in recognition of and procedures for the correction of the following: stuttering, delayed speech, organic speech disorders, voice and articulation problems, and deafness. *Two hours.* By appointment.

51. PLAY PRODUCTION FOR TEACHERS—The study and application of principles and standards of acting, character interpretation, and stage crafts. Prerequisite: Speech 31 or 32. Alternate years; offered 1954-1955. *Two hours.* 2:10, T., Th.

102. RADIO SPEECH—A course designed to give advanced speech students experience in radio productions, problems, and techniques. Prerequisite—one or more of the following: Practical Play Production

5, 6, Speech 31 or 32, Play Production 51, or Advanced Play Production 151. Alternate years; offered 1953-1954. *Two hours.* 2:30, T., Th.

110. LITERARY INTERPRETATION—A course designed primarily for students who have completed Speech 31 or 32 and who desire experience in the application of the principles of speech to the interpretation of drama and poetry. Alternate years; offered 1953-1954. *Two hours.* 10:30, T., Th., F.

120. ADVANCED DEBATE—Open only to juniors and seniors who are members of the men's or women's varsity debate teams. Practical experience in coaching and judging of teams. *Two hours.* By appointment.

151. ADVANCED PLAY PRODUCTION—Open only to juniors and seniors who participate in major roles or production responsibilities in the college plays. Prerequisite: Play production 51. *Two hours.* By appointment.

JOURNALISM

1-2. REPORTING PRACTICE—Practical experience in gathering and writing campus news by reporting for the *Spectator* each week. *One hour.* By appointment.

5. REPORTING—Fundamental principles of gathering and writing news, practice in reporting on the campus. *Three hours.* 11:25, M., T., Th.

6. EDITING—Copywriting, headline writing, proofreading, and make-up. *Two hours.* 1:15, T., Th.

7-8. EDITORIAL PRACTICE—For the managing editor and the editor in chief of the *Spectator* only. Practical experience in news editing, editorial writing, and staff management. *One hour.* By appointment.

Foreign Languages

FRENCH

1-2. ELEMENTARY FRENCH—Phonetics, grammar, and practice in hearing, writing, and speaking French, together with sufficient reading to provide a basic vocabulary and working knowledge of the language. *Three hours.* 7:45, M., 8:40, T., Th.

3-4. SECOND YEAR FRENCH—Review of grammar and composition. Conversation and reading of easy French fiction and drama. *Three hours.* 1:15, M., W., F.

121-122. READING COURSE—Reading of selected works in special fields under guidance of instructor, intended to give student facility in rapid reading. Prerequisite: French 3-4. *Two or three hours.* By appointment.

GERMAN

1-2. ELEMENTARY GERMAN—Grammar, conversation, and drill, to-

gether with coordinated readings sufficient to give a basic vocabulary and working knowledge of the language. *Three hours* 11:25, M., T., Th.

3-4. SECOND YEAR GERMAN—Grammar review, composition, conversation and reading of masterpieces in German prose. Prerequisite: German 1-2, or equivalent. *Three hours*. 8:40, M., W., F.

121-122. READING COURSE—Reading of selected works in special fields under guidance of instructor; intended to give student facility in rapid reading. Prerequisite: German 3-4. *Two or three hours*. By appointment.

SPANISH

1-2. ELEMENTARY SPANISH—Phonetics and grammatical drill; reading of easy idiomatic texts to provide a basic vocabulary and working knowledge of the language. *Three hours*. 10:30, T., Th., F.

3-4. SECOND YEAR SPANISH—Simple conversation and easy translations into Spanish, and reading of Spanish prose. Prerequisite: Spanish 1-2. *Three hours*. 2:10, M., W., F.

121-122. READING COURSE—Reading of selected works in a field of special interest to the student, under guidance of instructor. Prerequisite: Spanish 1-4. *Two or three hours*. By appointment.

LATIN

1-2. ELEMENTARY LATIN—Written and oral work. Accuracy in pronunciation is stressed. Constant drill forms, vocabulary, derivatives, and syntax. Translation of connected discourse from Caesar and other authors. *Three hours*. 1:15, M., W., F.

21-22. CICERO, ORATIONS—The four orations against Catiline, Manilian Law, and Archais. Latin composition and grammatical drill. A study on Cicero's style and political background. Alternate years; offered 1954-1955. *Three hours*. 2:10, M., W., F.

31-32. VIRGIL, THE AENEID—First six books. Careful study of scene and Roman mythology. Alternate years; offered 1953-1954. *Three hours*. 2:10, M., W., F.

NOTE: On sufficient demand, additional courses may be offered as outlined in catalog of 1958.

Music

REQUIREMENTS FOR A MAJOR IN APPLIED MUSIC FOR THE A. B. DEGREE: A minimum of thirty-six semester hours of music, including: sixteen hours in the major applied area, four hours Basic Theory, eight hours Harmony, four hours Music History, three hours Music Appreciation, and one hour Ensemble.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen

semester hours consisting of from three to six hours in each of the following departments: English, Philosophy and Religion, Speech.

REQUIREMENTS FOR A MAJOR IN MUSIC EDUCATION FOR THE B. S. DEGREE: A minimum of forty semester hours of music, which should include four hours Basic Theory, eight hours Harmony, four hours Music History, three hours Conducting, six hours Music Education Methods, three hours Music Appreciation, eight hours Piano, four hours Voice, six hours Instrumental Methods, and at least a year each of Instrumental Ensemble and Vocal Ensemble.

RELATED SUPPORTING COURSES REQUIRED: A minimum of fifteen semester hours consisting of at least six hours in two of the following departments: English, Philosophy and Religion, Speech, Art, Foreign Language.

GENERAL REQUIREMENTS: A series of recitals is given during the year in which music students are required to participate at the discretion of the teacher. Students in applied music will be expected to attend all student and faculty recitals. Music students are not permitted to arrange public engagements without the permission of the music faculty.

All music majors will continue the study of applied music throughout the four years of their courses of study. Whether or not piano is the major instrument, the student should acquire a thorough practical knowledge of this instrument.

Students majoring in **APPLIED MUSIC** will be required to give a recital before graduation. Students majoring in **MUSIC EDUCATION** will be required to give a joint recital in their field of applied music before graduation.

APPLIED MUSIC—Instrumental—Twelve hours practice a week and $\frac{1}{2}$ hour lesson a week for a period of one semester is required for *two hours credit*. **Voice—**Six hours practice a week and $\frac{1}{2}$ hour lesson a week for a period of one semester is required for *two hours credit*.

APPLIED MUSIC

Note: In all areas of applied study, courses I, II, III are to be regarded as lower level; courses IV through VIII are upper level.

PIANO

PIANO I-II. Easier compositions of Bach and Handel; easy sonatas by Haydn and Mozart; selections from romantic and modern composers; technic, concerts, and recitals. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit*. By appointment.

PIANO—III-IV. Bach's two and three part inventions; sonatas by Haydn and Mozart; selections from romantic and modern composers; technic, concerts, and recitals. $\frac{1}{2}$ hours lesson weekly and two hours daily practice. *Two hours credit*. By appointment.

PIANO V-VI. Bach's French and English suites, sonatas by Mozart and Beethoven; more difficult selections from romantic and modern composers; technic, concerts, and recitals. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

PIANO VII-VIII. Bach's Well-Tempered Clavichord; sonatas by Beethoven and other master composers; more advanced work by romantic and modern composers; technic, concerts, and recitals. $\frac{1}{4}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

VOICE

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

CLASS LESSONS IN VOICE

25, 26. **BEGINNING VOICE CLASS**—A fundamental course in voice and sight singing. The study of proper voice production and the fundamentals of individual and ensemble singing presented through progressive vocalises and songs. Attention is given to the problems involved in sight-singing such as; rhythm, pitch, intervals. The objectives of the course are: proper breathing habits, good tone production, correct rhythm, accurate pitch, good pronunciation and artistic expression. *Two hours credit.* 2:10, T., Th.

45, 46. **INTERMEDIATE VOICE CLASS**—A continuation of the study of the fundamentals of voice training and sight singing as presented in Beginning Voice Class, attempting to develop for the student a more musical and expressive voice for solo and ensemble performance. Prerequisite: Beginning Voice Class or one semester of private study in voice. *Two hours credit.* 11:25, M., Th.

65, 66. **ADVANCED VOICE CLASS**—Advanced study and practice in the fundamentals of solo and ensemble singing in order to develop a more resonant and expressive voice, improve the ability to read music at sight, and stimulate the power of interpretation. Prerequisite: Intermediate Voice Class, or two semesters of private study in voice. *Two hours credit.* 11:25, W., F.

105. **VOCAL ARTISTRY**—Further study and practice in the fundamentals of solo and ensemble singing with the purpose of developing fuller resonance and expression in the voice, greater facility in music reading and an improved artistry in the interpretation of songs. Prerequisite: Intermediate Voice Class, or two semesters of private study in voice. *Two hours credit.* 11:25, W., F.

116. **VOCAL REPERTOIRE**—The study and performance of various types of vocal solo and ensemble literature with the purpose of stimulating improved interpretation and creating more intelligent appreciation and enjoyment of vocal materials. Prerequisite Voice Class

or two semesters of private study in voice. *Two hours credit.* 11:25, W., F.

PRIVATE LESSONS IN VOICE

Since no two voice students have the same singing strengths or weaknesses, the instructor proceeds with each student according to his particular voice needs.

Private study in voice provides:

1. Training for more effective use of the singing voice.
2. Training in the appropriate and artistic interpretation of songs.
3. Training for, and experience in, public performance.
4. Opportunity for study of various types of songs and solo literature.
5. Guidance in the building of the student's repertoire of solo materials with particular reference to his present and future singing needs and interests.

Students should not enroll for private lessons in 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.

Two hours credit a semester may be earned in Private Voice by practicing six hours each week and taking one half-hour lesson weekly.

Note: The Roman numerals indicate the degree of advancement in college voice study. That is, Voice I would indicate the first semester of study; Voice III would mean the third semester of voice study—whether it be class work in voice or private study. Courses I, II, and III carry lower level credit.

PRIVATE VOICE I-II. $\frac{1}{2}$ hour private lesson weekly and one hour daily practice. *Two hours credit.* By appointment.

PRIVATE VOICE III-IV. $\frac{1}{2}$ hour lesson weekly and one hour daily practice. *Two hours credit.* By appointment.

PRIVATE VOICE V-VI. $\frac{1}{2}$ hour private lesson weekly and one hour daily practice. *Two hours credit.* By appointment.

PRIVATE VOICE VII-VIII. $\frac{1}{2}$ hour private lesson weekly and one hour daily practice. *Two hours credit.* By appointment.

VIOLIN

VIOLIN I-II. Introduction to advanced studies of Fischel; continued scale study with introduction of thirds and sixths; pieces by Dancik; concertos by Accolay, De-Beriot; continued work in Sevcik; $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

VIOLIN III-IV. Studies by Mazas and Dont; scales in three octaves, major and minor, bowed and slurred in all variations; intro-

duction of arpeggios in all positions; concertos by DeBeriot and Viotti; pieces by Borowski, Rahfeld, and others; continued work in Sevcik. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

VIOLIN V-VI. Studies by Kreutzer; continued study of three octave scales in all forms including thirds, sixths, octaves, fingered octaves, and tenths; arpeggios in all forms; continued work in Sevcik; concertos by Viotto, Spohr, Bach; sonatas by Handel, Veracini, Corelli, and others. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

VIOLIN VII-VIII. Continuation of Kreutzer, advancing to Fiorillo and Rode; continued scale study in all forms; advanced Sevcik study with emphasis on the development of a beautiful trill; sonatas by Beethoven, Mozart, Brahms, and Grieg; concertos by Bach and Bruch; pieces by Vieuxtemps, Schubert, and Sarasate. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

WIND INSTRUMENTS

Private study in Wind Instruments is divided into two sections, namely, Brass and Woodwind. Any instrument from these sections of the modern symphony is included. When enrolling, indicate specific instrument.

BRASS I-II. (First Year) Beginning studies of Arban, Gatti, and Clark. A study of the fundamentals of tone production, breathing, and rapid single tonguing technic. Solos from standard brass repertoire. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

BRASS III-IV. (Second Year) Continued studies of Arban, Gatti, Goldman, Pryor, and Clark. Flexibility exercises by Clark and Smith. Advanced solos from standard brass repertoire. Perfection of double and triple tonguing technique. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

WOODWIND I-II. (First Year) Beginning studies of Klose, Langenus. Solos from standard woodwind repertoire. $\frac{1}{2}$ lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

WOODWIND III-IV. (Second Year) Continued study of Klose and Langenus. Advanced solos from standard woodwind repertoire, e. g. concertos by Weber, Mozart. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

PIPE ORGAN

ORGAN I-II. Preparatory courses. A study of the fundamentals of pedal technic, manual touch, independence of hands and feet, and registration. Special attention to hymn playing. Easier Bach preludes and fugues. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

ORGAN III-IV. Intermediate courses. Continuation of manual and pedal technic. Special attention to service playing. Easier sonatas of German, English, Italian, and American schools. Important works of the modern school. Bach preludes and fugues. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

ORGAN V-VI. (Third Year) Continuation of the technical pedal studies; the larger works of Bach; the chorals of Cesar Franck; the sonatas of Guilman; representative works from the modern American school. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

ORGAN VII-VIII. (Fourth Year) Continuation of pedal studies. Works of Bach and general organ literature for church work. $\frac{1}{2}$ hour lesson weekly and two hours daily practice. *Two hours credit.* By appointment.

MUSIC EDUCATION

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

All students who wish to participate in ensemble activities are requested to enroll for credit at the beginning of each semester. At the end of the semester the credit and a grade will be recorded on each participant's permanent record.

21-22. INSTRUMENTAL ENSEMBLE—The following credit may be secured for each semester of participation:

CONCERT BAND— $\frac{1}{2}$ hour credit. All applicants are requested to fill out a questionnaire. New applicants should arrange for a tryout during the enrollment days with the director of band. This organization is a concert group rehearsing at least three periods per week. Emphasis is placed upon the artistic performance of all band music including original band marches, overtures, novelties, as well as transcriptions and arrangements of orchestral literature.

PEP BAND— $\frac{1}{4}$ hour credit. This is a small group recruited mainly from the Concert Band. It plays music suitable for use at athletic events as well as other college activities such as the pajama parade, pep rallies, homecoming activities, and other similar occasions. Admission is by application to the director.

ORCHESTRA— $\frac{1}{4}$ hour credit. A string orchestra is open to all qualified string players upon consultation with the director of strings. For major productions of the music department such as opera or ora-

torio, a complete orchestra is used.

PIANO ENSEMBLE— $\frac{1}{2}$ hour lesson weekly and one hour daily practice, *One hour credit*. By appointment. Students may also participate in piano ensemble as an extra-curricular activity without credit. Piano Ensemble is a valuable course for piano students as it introduces a new repertoire and teaches cooperation in musical effort.

31-32. VOCAL ENSEMBLE—All students who wish to participate in ensemble work, in voice, (Quartette, Trio, Chapel Choir, A Cappella Choir, or College Church Choir) are asked to enroll for Vocal Ensemble— $\frac{1}{2}$ or $\frac{1}{4}$ hour credit—at the beginning of the first semester of the school year.

All applicants are requested to fill out a questionnaire; New applicants should appear for a placement test. Accordingly, each singer will be assigned to the most appropriate singing group or groups.

If the applicant enrolls for $\frac{1}{2}$ hour credit, he will be considered for membership in Quartette, Trio, A Cappella Choir, or Chapel Choir. If he is not selected for one of these groups, he may be placed in the College Church Choir—in which case a change of enrollment from $\frac{1}{2}$ to $\frac{1}{4}$ hour in Vocal Ensemble will be recommended.

Those singers who are especially interested in the College Church Choir, or who feel that they do not have sufficient time to give to the more ambitious schedules of the other organizations, are requested to enroll for $\frac{1}{4}$ hour credit in Vocal Ensemble. In that case they will not be considered for Quartette, Trio, A Cappella Choir, or Chapel Choir.

At the beginning of the second semester the student will enroll for the vocal organization of which he is a member. Quartette and Trio credit will be granted each semester free of tuition charges.

First Semester:

VOCAL ENSEMBLE— $\frac{1}{4}$ or $\frac{1}{2}$ hour credit.

Second Semester:

QUARTETTE OR TRIO— $\frac{1}{2}$ hour credit. By Appointment.

A CAPPELLA CHOIR— $\frac{1}{2}$ hour credit.

CHAPEL CHOIR— $\frac{1}{2}$ hour credit.

COLLEGE CHURCH CHOIR— $\frac{1}{4}$ hour credit.

34. MUSIC APPRECIATION—This course presupposes no formal knowledge of music on the part of the student. The course develops clearly the "language of music" so that at the close of the term the student is an intelligent listener, with sufficient knowledge of musical forms to enable him to continue the study of music in more advanced courses or independently. *Three hours credit*, 1:15, M., W., F.

35. ELEMENTARY SCHOOL MUSIC—A course in the study of methods and materials for teaching in the elementary grades. Required of all students completing the elementary certificate. *Three hours credit*, 8:40, M., W., F.

40. SONG LEADING AND CHORAL DIRECTING—The introductory study and practice of the basic techniques of conducting as applied to song and choral directing. Class sessions will follow the work-shop procedure with each student directing the class. Consideration will be given to the qualifications of the director, rehearsal procedures, selection of suitable music, and basic beat patterns and problems. Alternate years: offered 1954-1955. Not open to those having credit in 40. *Three hours credit.* 9:35, M., W., Th.

41. CHURCH MUSIC—A general survey of the history, theory, and practice of sacred music, with special consideration given to church music leadership. The course will include the study of basic song leading and conducting techniques, hymnology, music in worship, the selection of church choir music, appropriate organ and piano materials, and other areas of practical interest to the church musician. Alternate years: offered 1953-1954. *Three hours credit.* 10:30, T., Th., F.

125-126. MUSIC HISTORY—A study of the musical achievements of man ranging from archeological discoveries to modern aspects. Listening to representative music of the different periods is included. *Two hours credit.* 2:10, M., W.

135. ELEMENTARY MUSIC METHODS—A course in the study of methods and materials for teaching music in the elementary grades. It includes care and development of the child voice, music reading, rhythm work, and the appreciation of music. Required of students majoring in the music supervisor's curriculum. Special projects as assigned by the teacher. *Three hours credit.* 8:40, M., W., F.

136. HIGH SCHOOL MUSIC METHODS—Classification of voices, music appreciation, and outlines for teaching all musical activities for junior and senior schools. *Three hours credit.* 8:40, M., W., F.

140. CONDUCTING—The introductory study and practice of the basic techniques of conducting as applied to song leading and choral and instrumental directing. Class sessions will follow the work-shop method with each student directing the class. Consideration will be given to the qualifications of the conductor, rehearsal techniques, program building, selection of appropriate music, as well as the basic beat patterns and problems. Students will be required to do special research and study in the field of conducting with the purpose of making periodic presentations to the class. Not open to those having credit in 40. Alternate years: offered 1954-1955. *Three hours credit.* 9:35, M., W., Th.

141-142. INSTRUMENTAL METHODS—The study of the practical playing ranges, fingering techniques, problems of tone production, and key relationships of the various instruments of the modern band and orchestra. Instruments are brought into class and studied by each student. An elementary playing ability and a working knowledge of the important instruments of each section must be acquired in the

course. The first semester will be devoted to the study of the Brass, Woodwinds, and Percussion. The second semester will be spent in studying the violin, and the other members of the string family. Alternate years: offered 1953-1954. *Three hours credit*, 9:35, M., W., Th.

189-190. PROBLEMS OF MUSIC—Advanced study of special topics in music. Prerequisite: Consent of the instructor. *One to three hours credit*. By appointment.

THEORY OF MUSIC

23-24. BASIC THEORY—Syllable singing on unison and part music. Melodic dictation in all keys. Development of ability to hear intervals, rhythm patterns, and musical phrases. The second semester will include advanced sight singing exercises as well as harmonic dictation. *Two hours credit*. 10:30, M., W.

27-28. FIRST YEAR HARMONY—Partwriting and keyboard harmony covering scales, intervals, triads and seventh chords in major and minor keys. *Two hours credit*. 1:15, T., Th.

37-38. SECOND YEAR HARMONY—First year harmony is prerequisite. Partwriting and keyboard harmony covering second dominant formations, Italian, French, German, and other sixth chords; Transitions, ninth, eleventh, and thirteenth chords; modulation, suspension, anticipation, appoggiatura, passing and auxiliaries. Not open to those having credit in course 137-138. *Two hours credit*. 8:40, T., Th.

137-138. ADVANCED HARMONY—First year harmony is prerequisite. Partwriting and keyboard harmony covering the various altered chords and embellishments as well as modulation. The writing and harmonization of original melodies is required. Not open to those having credit in course 37-38. *Two hours credit*. 8:40, T., Th.

145. INSTRUMENTATION—An introductory study of the methods and techniques of scoring and arranging for band and orchestra with emphasis on the problems peculiar to public school music. Prerequisite: Harmony 37-38 or Harmony 137-138. Alternate years: offered 1954-1955. *Three hours credit*. 9:35, M., W., Th.

Board of Trustees*

As of February, 1953

CLASS OF 1953

A. BLAIR HELMAN, *Vice Chairman* 109 W. 9th, Ottawa, Kansas
B. F. STAUFFER Rocky Ford, Colorado

CLASS OF 1954

HAROLD BEAM 321 N. Charles, McPherson, Kansas
HOMER FERGUSON 1019 N. Walnut St., McPherson, Kansas
PAUL W. SHERFY, *Secretary* 713 East Marlin, McPherson, Kansas
MRS. DALE STRICKLER 405 Woodland Drive North Manchester, Ind.

CLASS OF 1955

GLENN HARRIS Jennings, Louisiana
ROY H. NEHER Oswego, Kansas
CHARLES NETTLETON Gowrie, Iowa
MARTIN STINE Adel, Iowa
W. H. YODER, *Chairman* 140 N. Charles, McPherson, Kansas

CLASS OF 1956

D. FLOYD CRIST Quinter, Kansas
MARK EMSWILER Froid, Montana
IRA MILTON HOOVER Plattsburg, Missouri
PAUL SCHNAITHMAN, JR. Garber, Oklahoma

CLASS OF 1957

RICHARD KEIM Route 8, Nampa, Idaho
DAYTON ROTHROCK Gresham, Nebraska
PAUL E. SARGENT 143 N. Maxwell St., McPherson, Kansas

CLASS OF 1958

GEORGE GROVE South English, Iowa
HARVEY LEHMAN Route 2, Nickerson, Kansas
HAROLD MOHLER Johnson County Mutual, Warrensburg, Missouri

CLASS OF 1959

GLEN SWINGER Cabool, Missouri
E. A. WALL 820 East Euclid St., McPherson, Kansas

EX OFFICIO

DESMOND W. BITTINGER, *President* McPherson, Kansas

TREASURER

R. GORDON YODER McPherson, Kansas

EMERITUS TRUSTEE

J. J. YODER McPherson, Kansas

*Twenty-four elective trustees are divided into classes based on time of expiration of office. Each trustee is elected for six years.

Standing Committees of the Board

- EXECUTIVE: Sargent, Sherfy, Beam, Wall, Yoder, W. H., Lehman, (Bittinger, ex officio).
FINANCE AND INVESTMENT: Sargent, Ferguson, Wall, Crist. (Yoder, G., ex officio).
EDUCATIONAL: Helman, Emswiler, Swinger, (President and Dean, ex-officio).
BUILDINGS AND GROUNDS: Beam, Crist, Stauffer, Sherfy, (Yoder, G., ex officio).

Officers of the Faculty

1952-1953

D. W. BITTINGER, Ph. D.	<i>President</i>
J. M. BERKEBILE, Ph. D.	<i>Dean</i>
ALICE B. MARTIN, B. S.	<i>Registrar</i>
J. H. FRIES, A. B.	<i>Treasurer</i>
R. GORDON YODER, B. S.	<i>Business Manager</i>
RAYMOND L. FLORY, M. A.	<i>Dean of Students</i>
MARY FEE, Ph. D.	<i>Dean of Women</i>
S. M. DELL, M. S.	<i>Dean of Men</i>

Standing Committees of the Faculty

- ADMINISTRATIVE: Bittinger, Berkebile, Dell, Fee, Flory, Frantz, Hess, G. Yoder.
ADMISSIONS AND CURRICULUM: Berkebile, Hess, Martin, Olson.
ATHLETICS: G. Yoder, Flory, Fries, Hayes, Wareham, Woodard, Paul Sherfy, Harold Beam, Bittinger.
BULLETIN BOARD: Miriam Dell, student.
CALENDAR AND PUBLIC EVENTS: Vancil.
CAMPUS AND GROUNDS: Hayes, Cline, Kendall, Woodard, G. Yoder.
CHAPEL AND LYCEUM: Wareham, Coppock, Metzler, Lehman, DeCoursey, Sam Romani, Sollenberger, Bittinger. (First four constitute an executive committee).
DEANS: Berkebile, Dell, Fee, Flory.
FACULTY PROGRAM: Berkebile, Frederick, J. Kough, Olson, Vancil.
FACULTY REPRESENTATIVES ON STUDENT COUNCIL: Berkebile, Dell, Vancil.
FACULTY SOCIAL: Bechtel, Hershberger, A. Kough, Lehman, Sick.
LIBRARY: Lehman, Bechtel, Bowman, Harris.
LOANS: Hess, G. Yoder, Hawkinson (local business man).
PERSONNEL AND COUNSELING: Hayes, Berkebile, Dell, Fee, Kough, Metzler, Neher, Woodard.

PLACEMENT: Mays.

PUBLICITY AND PUBLIC RELATIONS: Bittinger, Frantz, Kough, Mays.

RELIGIOUS LIFE: Metzler, Wareham, Zeller.

SOCIAL: Five students and Wareham, Vaneil.

SUMMER SESSION: Berkebile, Fee, Hess, Lehman, Martin.

Note: The President is a member (ex officio) of all committees.

Committee on Higher Education

COLLEGE AND SEMINARY PRESIDENTS

CHURCH OF THE BRETHREN

V. F. SCHWALM, <i>Chairman</i>	North Manchester, Indiana
C. E. DAVIS, <i>Secretary</i>	Elgin, Illinois
A. C. BAUGHER	Elizabethtown, Pennsylvania
D. W. BITTINGER	McPherson, Kansas
PAUL M. ROBINSON	Chicago, Illinois
WARREN D. BOWMAN	Brigewater, Virginia
C. N. ELLIS	Huntingdon, Pennsylvania
HAROLD D. FASNAUGHT	La Verne, California

The Faculty

1952-1953

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

*President and Professor of Education and Sociology (1950, 1940).**

A. B., Elizabethtown College, 1927; A. M., University of Pennsylvania, 1934; Ph. D., University of Pennsylvania, 1940. Instructor, University of Illinois, summer, 1939; Bethany Biblical Seminary, Chicago, 1940; Elgin Community College, 1949-50. Foreign Travel, 1930-40 and 1952.

JAMES M. BERKEBILE, A. B., A. M., Ph. D.

Dean of College and Professor of Chemistry (1950, 1943).

A. B., Manchester College, 1934; A. M., Ohio State University, 1937. Ph. D., Ohio State University, 1951.

R. GORDON YODER, B. S.

Business Manager and Treasurer (1953, 1946).

B. S., McPherson College, 1939.

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

Curator of the Museum and Professor Emeritus of Biology (1943).

A. B., Mt. Morris College, 1919; M. S., Kansas State College, 1917; Michigan State College, 1913; University of Wisconsin, 1925; University of Kansas, summer, 1927; Member Seminar, National University, Mexico City, 1929; Sc. D., La Verne College, 1947.

J. HOWARD FRIES, A. B.

Treasurer Emeritus (1916).

New York University, summers, 1915, 1916; A. B., McPherson College, 1925.

ALICE B. MARTIN, B. S.

Registrar and Instructor in Stenography, (1950, 1938).

B. S., McPherson College, 1938; K. S. T. C., Emporia, 1921, 1923, and summer, 1925. Foreign Travel, summer, 1952.

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

Dean of Students and Professor of History and Political Science (1950, 1947).

B. S., McPherson College, 1940; A. M., University of Kansas, 1942; University of Kansas, summer, 1946; University of Kansas, 1946-1947-1951. Foreign Travel, summers, 1949, 1951, and 1952.

SAMUEL MILTON DELL, E. S., M. S.

Dean of Men and Professor of Industrial Arts Education (1937, 1931).

B. S., McPherson College, 1926; M. S., Iowa State College, 1934; Central Missouri State Teachers College, summer, 1927; University of Chicago, summer, 1935; Kansas State College, summer, 1945; Foreign Travel, summer, 1952.

MARY FEE, B. S., M. S., Ph. D.

Dean of Women and Professor of Education (1946).

B. S., 1930; M. S., 1932; Ph. D., University of Kansas, 1946.

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

JOHN K. KOUGH, B. S., A. M.*Associate Professor of Psychology and Sociology (1953, 1950).*

Student at St. Thomas, Columbia, Harvard, B. S., McPherson College, 1948; A. M., University of Chicago, 1950; Ph. D., residence requirements completed, University of Chicago, 1950. Instructor on Educational Commission to Japan, 1949.

EARL M. FRANTZ, A. B., B. D., A. M.*Public Relations (1943).*

A. B., McPherson College, 1921; B. D., Bethany Biblical Seminary, 1921; A. M., University of Chicago, 1923.

VIRGINIA HARRIS, A. B., B. S. in L. S.*Librarian (1944).*

A. B., McPherson College, 1939; B. S. in L. S., Louisiana State University, 1941; Louisiana State University, summer, 1967.

ROBERT MAYS, A. B., B. D.*Alumni Secretary and Director of the Placement Bureau (1980).*

B. S., McPherson College, 1945; B. D., Bethany Biblical Seminary, 1950.

JESSIE BROWN, B. M.*Professor Emeritus of Piano (1952, 1915).*

Diploma, Bethany Conservatory, 1907; B. M., Bethany College, 1919; Piano Instructor, 1908-1913, Bethany College; student, Royal Conservatory, Leipzig, Germany, 1913-1914; special student, Chicago, summer, 1935.

MAURICE A. HESS, A. B., A. M., Litt. D.*Professor of English and Latin (1925, 1919).*

Graduate, Cumberland Valley Normal, 1909; A. B., Ursinus College, 1914; A. M., University of Pennsylvania, 1917; University of Chicago, summers, 1930, 1937; Litt. D., McPherson College, 1951.

JOSEPH L. BOWMAN, A. B., M. S.*Professor of Mathematics and Physics (1928).*

A. B., McPherson College, 1918; M. S., University of Chicago, 1924; Oberlin College, 1918-1919; Yale University, 1918-1920; University of Kansas, summer, 1931.

DELLA LEHMAN, A. B., A. M.*Professor of English (1927).*

A. B., Manchester College, 1921; A. M., University of Southern California, 1924; University of Chicago, summer, 1921; University of London, 1930; Harvard, summer, 1932; Columbia University, summer, 1937; Johns Hopkins, summer, 1939; Columbia College of Drama and Radio, 1942; University of Minnesota, summer, 1946; Brothers Service and Foreign Travel, 1952.

BURTON METZLER, A. B., B. D., Th. B., Ph. D.*Professor of Philosophy and Religion (1937).*

A. B., Manchester College, 1920; B. D., Bethany Biblical Seminary, 1921; Th. B., Princeton Theological Seminary, 1924; Ph. D., Southern Baptist Theological Seminary, 1928.

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, 1932; Ph. D., 1939; University of Iowa.

KENNETH C. BECHTEL, A. B., B. D., M. Th., Ph. D.*Professor of Sociology and Psychology (1948, 1946).*

A. B., Juniata College, 1926; B. D., Presbyterian Theological Seminary, 1931; M. Th., Bethany Biblical Seminary, 1935; Ph. D., University of Chicago, 1937.

MILDRED SIEK, B. S., M. S.*Professor of Home Economics (1943).*

B. S., McPherson College, 1935; summer, 1939, University of Colorado, summers 1940 and 1941, Kansas State College; M. S., University of Wisconsin, 1948; Kansas State College, 1948.

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

Professor of Voice and Director of Choral Organizations (1952, 1946).

B. S., Music Education, Manchester College, 1939; Ohio State University, ten-week summer session, 1947; B. D., Bethany Biblical Seminary, 1946; private voice study, Sherwood Music School, 1944-1946; M. M., Northwestern University, 1952.

E. S. HERSHBERGER, A. B.

Associate Professor of Art (1950, 1945).

A. B., Goshen College, 1934; Student in School of Art Institute of Chicago, special session, 1944 and 1945; University of Iowa, Summer, 1952.

ROY E. McAULEY, B. S., B. D., A. M.

Associate Professor of English and Dramatics (1950, 1949).

B. S., McPherson College, 1947; B. D., Bethany Biblical Seminary, 1946; A. M., University of Omaha, 1949.

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

Associate Professor of Rural Life and Supervisor of College Farm (1950).

A. B., McPherson College, 1934; A. M., Colorado Agricultural and Mechanical College, 1941.

ANNE KREHBIEL, E. M., M. M.

Associate Professor of Piano (1952, 1949).

B. M., University of Kansas, 1944; M. M., University of Kansas, 1946; Master Classes, University of Kansas City, summer, 1950; Student of Carl Fiedberg, New York City, 1947-1948; Colorado College, summer, 1950; School of Church Music, Evergreen, Colorado, summer, 1952.

SARAH MAY VANCIL, A. B., A. M.

Associate Professor of English and Assistant Librarian (1952, 1947).

A. B., McPherson College, 1942; Library School, Kansas State Teachers College, Emporia, summer, 1945; English, University of Kansas, summers 1948, 1949 and 1950; A. M., University of Kansas, 1952.

AUDREY SAN ROMAN, B. M.

Associate Professor of Piano and Organ (1952, 1946).

B. M., Bethany College, 1925; University of Kansas, summer, 1943.

PAUL V. SOLLENBERGER, A. B.

Assistant Professor of Music Education and Theory, Stringed Instruments, and Director of Instrumental Organizations (1952, 1946).

Manchester College, 1941-43; University of Dayton, 1944-45; Sherwood Music School, 1946; A. B., McPherson College, 1947; Northwestern University, summers 1947 and 1948.

WESLEY DECOURSEY, A. B., M. S., Ph. D. (summer, 1953).

Assistant Professor of Chemistry (1952).

A. B., McPherson College, 1949; M. S., Iowa State College, 1947; Further studies at University and Maryland; Residence work completed for Ph. D. at Iowa State College, 1952.

JOHN BURKHOLDER, A. B., Ph. D. (summer, 1953).

Assistant Professor of Biology (1952).

A. B., McPherson College, 1949; M. S., University of Chicago, 1951; Completed residence requirements for Ph. D., University of Chicago, 1952.

CHALMER WOODARD, A. B.

Director of Athletics and Coach (1950).

A. B., Southwestern College, 1939; Wichita University, summer, 1940; Colorado State College of Education, summer, 1941; University of Kansas, summer, 1945.

J. RICHARD WAREHAM, A. B., B. D.

Director of Physical Education (1948).

A. B., Juniata College, 1915; B. D., Bethany Biblical Seminary, 1948.

DORIS COPPOCK, A. B.

Director of Physical Education for Women and Instructor in Biology (1950).

A. B., McPherson College, 1948; University of Kansas, summer, 1950; University of Iowa, summer, 1951 and 1952.

MINNIE MUGLER, B. M., B. S.

Instructor in Piano (1943).

B. M., 1921; B. S., 1946; McPherson College, 1921, 1923; Bethany College, 1924, student under E. H. Groger; St. Louis, summer, 1927, student under Maurine Damersdo, Paris; Lamont School of Music, summers, 1929 and 1935; Colorado State College, summer, 1940.

MRS. DOROTHY D. SOLLENBERGER, B. S.

Instructor in Piano (1951).

Cincinnati Conservatory of Music, summer, 1941; B. S., Manchester College, 1940.

ARLENE FLORY KOUGH, B. S.

Instructor in Home Economics (1950).

B. S., McPherson College, 1948.

ALVIN E. WILLEMS, B. S.

Instructor in Rural Life (1950).

B. S., McPherson College, 1950.

GLEE GOUGHNOUR YODER, A. B.

Instructor in Christian Education (1951).

A. B., McPherson College, 1938.

VERA GROVE DECOURSEY, B. S.

Instructor in Home Economics (1952).

B. S., McPherson College, 1949; Iowa State College, 1947 and 1948.

UNA YODER

Instructor in Speech and Dramatics (1951).

A. B., McPherson College, 1934.

MIRIAM W. DELL

Secretary to the President and to the Dean (1951).

A. B., McPherson College, 1925; Foreign Travel, summer, 1952.

EDNA NEHER, A. B.

Housemother in Arnold Hall (1948).

A. B., McPherson College, 1924.

J. K. CLINE

Superintendent of Buildings and Grounds (1946).

FRANK FORNEY

Assistant Superintendent of Buildings and Grounds Emeritus (1952, 1920).

LEE KENDALL

Chief Engineer and Superintendent of Grounds (1952).

BETTY J. BYERS, R. N.

School Nurse (1950).

R. N., University of Maryland, 1944. Foreign Travel, summer, 1952.

PATRICIA FORD, R. N.

School Nurse (1952).

R. N., Bethel Deaconess Hospital, (1952).

ORVAL WAGNER

Manager of College Farm (1950).

JAMES H. ELROD, A. B., B. D., Th. M., LL. D.

Executive Secretary of the Western Region.

HARRY K. ZELLER, JR., A. B., B. D., A. M.

Pastor of the Church of the Brethren.

Honorary Degrees

Frantz, Edward, D. D., '15	Former Editor, Gospel Messenger	La Verne, Calif.
Miller, Samuel J., LL. D., '16	Retired Minister	La Verne, Calif.
Crumpacker, F. H., D. D., '17	Pioneer missionary in China	Deceased
Toews, Henry F., D. D., '17	College Teacher	Deceased
Eby, Enoch H., U. D., '17	Former missionary in India	Hill Crest Home, La Verne, Calif.
Gilbert, James Z., D. Sc., '18	Teacher	Deceased
Harsely, Andrew H., D. D., '20	Minister	Deceased
Hoff, Emanuel H., D. D., '27	Co-founder of Bethany Biblical Seminary	Deceased
Knaus, Warren D., D. Sc., '27	Noted entomologist	Deceased
Studebaker, Ellis M., D. D., '27	Sup't. of Bethany Hospital	Chicago, Ill.
Yoder, J. J., LL. D., '27	Former Treas. of McPherson College, 1911-1936	McPherson, Kansas
Richards, H. F., D. D., '37	Pastor	North Manchester, Ind.
Thompson, H. Walter, LL. D., '37	Stanford University Professor	Deceased
Inghil, Bascom C., LL. D., '37	Junior College president	Alhambra, Calif.
Niminger, H. M., D. Sc., '37	Curator of Meteorite Museum	Winslow, Arizona
Davis, C. E., U. D., '39	Secretary Christian Education Commission	Knox, Ill.
Muir, Gladys, LL. D., '41	Manchester College	North Manchester, Ind.
Henson, W. C., D. Sc., '47	Physician	Deceased
Frutcher, J. Perry, D. D., '47	Minister	Waterloo, Iowa
Forney, J. Clyde, D. D., '47	Minister	Daston, Ohio
Fasnacht, Harold D., LL. D., '48	President of La Verne College	La Verne, Calif.
Elrod, James H., LL. D., '50	Secretary, Western Region	McPherson, Kansas
Horton, Harvey A., Sc. D., '50	Noted entomologist	Carnegie, Oklahoma
Hess, Maurice A., LL. D., '51	McPherson, College	McPherson, Kansas
Yoder, William H., D. D., '51	Chairman, McPherson College Trustee Board	McPherson, Kansas
Brown, Jessie, M.A. D., '52	Retired Teacher	McPherson, Kansas
Haeman, Hylton, LL. D., '57	Lawyer-Minister	Kansas City, Kansas

HONOR GRADUATES (Last five years)

Cum Laude	Magna Cum Laude	Summa Cum Laude
1948 Hough, Marvin Earl Hanson, Marvin E. Kough, John Keller Royer, Etta Marie	Williams, Charles G.	
1949 Gaiser, Theodore Hess, Charles Keim, Donald Oberst, Ann Reinecker, Russell	Raskholder, John	
1950 Albright, Arlys Albright, Avis Bowman, Winslow Miller, Marie Newcomer, Hubert Mossamer, Lester	Pirastano, John	
1951 Bowman, Marjane Boyer, Wilma Neher, Rowena G. Stern, Patricia Bittinger	Cotton, Harold Dewey	Martin, Bonnie Jane
1952 Keim, Rowan Porter, Irwin Royer, Patricia J. Reybold, Angie	Blickenstaff, Loren Metzler, Doris Kessler Muhler, Esther Somers, Myrtle	Clark, Loren

Student Directory

SENIORS

1952-1953

Allison, Keith	McPherson, Kansas	King, Richard	Famao, Texas
Berry, Betty Jean	Sublette, Kansas	Kuehnel, Myron	Conway, Kansas
Baker, Betty Jo	Friend, Kansas	Lubban, Elton	Chico, New Mexico
Bear, Phyllis	McPherson, Kansas	Lounsbury, Ebert	McPherson, Kansas
Bechtel, Clara	McPherson, Kansas	Marshall, Lorene	Adel, Iowa
Bechtel, Robert	McPherson, Kansas	Mason, Richard	McPherson, Kansas
Bock, Mildred	Nickerson, Kansas	Mehlinger, Howard	McPherson, Kansas
Berry, Barbara	Ottumwa, Iowa	Meyer, Margaret	Little River, Kansas
Bradley, Ivan	McPherson, Kansas	Miller, Doyce	Wichita, Kansas
Burger, LeVerne	Perryton, Texas	McClung, Martha	Sacramento, Calif
Byars, Betty	Hagerston, Maryland	McLeod, Katherine	Grand Junction, Colo.
Carpenter, Aon	Las Vegas, Nevada	Neff, Eugene	Haxton, Colorado
Cassidy, Yolanda	Passo, Puerto Rico	Phillips, Erma Lee	McPherson, Kansas
Cuffman, Eldon	South English, Iowa	Pete, John D.	Cushing, Oklahoma
Cuffman, Kathryn	South English, Iowa	Powell, Ellis	Madison, Iowa
Delar, Ronald	McPherson, Kansas	Rataff, Ruth	McPherson, Kansas
Dikmars, Ina	Washington, Kansas	Radtke, Emma	Tehovon, Iowa
Edmonds, Herbert	McLouth, Kansas	Rickert, Keith	McPherson, Kansas
Fiora, Angelina	Quinter, Kansas	Rogers, Anita	St. Etna, Iowa
Ford, Patricia	Alva, Oklahoma	Royer, Joan	Adel, Iowa
Foster, Wagon	McPherson, Kansas	Russell, William	McPherson, Kansas
Frank, William	McPherson, Kansas	Sargent, Robert	McPherson, Kansas
Frye, Raymond	Lemoore, Kansas	Sawyer, Clarence	Garden City, Kansas
Geroy, Marilee	South English, Iowa	Sash, Donna	McPherson, Kansas
Hale, Florence	McPherson, Kansas	Stucky, John	McPherson, Kansas
Hammagard, Frank	Shiprock, New Mexico	Tenk, Jean	McPherson, Kansas
Hess, Pauline	McPherson, Kansas	Walters, Marilyn	McPherson, Kansas
Hummel, Lloyd	McPherson, Kansas	West, Donald	Wiley, Colorado
Dunn, Kuhl	Loma, American Samoa	Widgren, LeVon	Grand Junction, Colo.
Karber, Francis	McPherson, Kansas	Wilson, Leiland	McPherson, Kansas
Kemp, Grace	McPherson, Kansas	Wilson, Robert	Conway Springs, Kansas
Kesler, Lynn	Paris, Kansas	Zankle, Alvin	Denver, Colorado

JUNIORS

Hall, Eddie	McPherson, Kansas	Korte, Elva	Las Vegas, Nevada
Harrell, Aubrey	Hutchinson, Kansas	Leitch, Corlis	Perryton, Texas
Hanta, Barbara	McPherson, Kansas	Loper, Eugene	Bromfield, Germany
Harris, Wilbur	West Plains, Missouri	Mason, Jack	McPherson, Kansas
Heibel, Gene	McPherson, Kansas	Markes, Thomas	Clinton, Kansas
Hellah, Robert	Nocona, Texas	Metaker, Carl	Denver, Colorado
Hickenstaff, Wayne	Nampa, Idaho	Myers, Paul	Washington, No. Dakota
Hough, June	Nampa, Idaho	McSpadden, Dwight	Lamart, Colorado
Hough, Walter	Conway, Kansas	Neher, Don	Deming, Kansas
Hovson, Clarence	McPherson, Kansas	Nicholson, Dorothy	Hardin, Missouri
Hutton, Glendon	Eldora, Iowa	O'Dell, Thomas	Kansas City, Kansas
Cline, Paul	Warrasboro, Virginia	Olson, Bowen	Fowler, Nebraska
Dwyer, Marie	Grinds Center, Iowa	Parkes, Wayne	Barton, Kansas
Eike, Donald	Pearl Valley, Missouri	Parks, Glenn	Haxton, Colorado
Eike, Elmer	Pearl Valley, Missouri	Paul, Robert	McPherson, Kansas
Fackner, Gordon	Lascelles, Kansas	Powell, Robert	Kingsley, Iowa
Frank, Loren	Holmesville, Nebraska	Price, Robert	Bellefontaine, Ohio
Gayer, Glenn	McPherson, Kansas	Shrage, Jino	Scott City, Kansas
Harber, Frances	Parsons, Kansas	Sigle, Dolores	Osburne, Kansas
Haxler, Maxine	South English, Iowa	Smith, Gene	McPherson, Kansas
Hertz, Jack	Los Angeles, Calif.	Spahn, Phillip	Inman, Kansas
Hildebrecht, Paul	McPherson, Kansas	Thom, George	Aurora, Iowa
Hoch, Donald	Dwight, Kansas	Threlk, Don	Hillings, Oklahoma
Hoch, Lowell	Dwight, Kansas	Todd, Howard	McPherson, Kansas
Hoch, Lee	Whitten, Iowa	Turner, Beverly	McPherson, Kansas
Hudson, Arlene	Hatfield, Minn.	Tyler, Miles	Alta Vista, Iowa
Hutcherson, Mary L.	McPherson, Kansas	Wagner, Velva	McPherson, Kansas
Hutchinson, Wayne	McPherson, Kansas	Wagner, Donald	Adel, Iowa
Ingman, Cordell	McPherson, Kansas	Wagner, Donna	Adel, Iowa
Kanazawa, Madeline	Nagasaki, Japan	Wine, Karlonna	Washington, D. C.
Kelm, George	Nampa, Idaho	Wray, Roland	Frederick, Iowa
Kennedy, Joe	Marshalltown, Iowa	Yast, Margaret	Paola, Idaho
Kindler, Elsie	Dwain, Kansas	Zeller, Herbert	Ossola, Missouri
Klemmerson, Ronald	South Beloit, Ill.		

SOPHOMORES

Alexander, Shirley	Kansas City, Kansas	Lucore, Naomi	Elizabeth, Colorado
Balle, Margaret	Warrensburg, Missouri	Melmon, Edward	McPherson, Kansas
Baldner, Karl	Dallas Center, Iowa	Merkey, Esther	Cloud Chief, Oklahoma
Bean, Robert	Lorraine, Kansas	McClung, Stanley	Sacramento, Calif.
Blocher, Allen	Minneapolis, Minnesota	McCurry, Doree	McPherson, Kansas
Boyd, George	Poplar, Montana	McKellip, Dean	Melba, Idaho
Brumwell, Betty	Perry, Kansas	McRoberts, Joan	Greene, Iowa
Brown, Kenneth	Wichita, Kansas	Neher, Lyle	Oswego, Kansas
Fullard, Jean	Grants Pass, Oregon	Norstein, John	Leviston, Minnesota
Butler, Donald	Eldora, Iowa	Old, Joseph	Warri, Nigeria
Carver, Adah	Lou Vega, Nevada	Oltman, Marlo	Enders, Nebraska
Cary, Cletus	Waterloo, Iowa	Papa, Ruth	Octavia, Nebraska
Coffman, Paul	South English, Iowa	Petefish, Vernon	Fedar Rapids, Iowa
Coppock, Shirley	Dayton, Ohio	Powell, Ann	Kingsley, Iowa
Crile, James	Los, North Nigeria	Quay, Clarence	Parkerford, Penn.
Dayton, Wilbur	Inman, Kansas	Radatz, Philip	Winona, Minnesota
Dumas, Maud	Washington, Kansas	Reas, Virginia	Eldora, Iowa
Ebbert, Albert	Quinter, Kansas	Rick, Donna	McPherson, Kansas
Edwards, Carl	McPherson, Kansas	Robison, John	Lawrence, Kansas
Hillman, Garth	McPherson, Kansas	Ruff, Lois	Gonessa, Kansas
Klauf, Eugene	McPherson, Kansas	Royer, Dale	Uttawa, Kansas
Evans, Kenneth	Springfield, Oregon	Royer, Ralph	Dallas Center, Iowa
Franz, Edward	Conway Springs, Kan.	Reuhlen, Janet	McPherson, Kansas
Gosling, Gertrude	McPherson, Kansas	Russell, Kathleen	Elyria, Illinois
Gosnell, Don	Lyons, Kansas	Schrag, John	Elyria, Kansas
Grille, Isaac	Laws, Nigeria	Schaeffer, Kenneth	Adel, Iowa
Halderson, Virginia	Leeton, Missouri	Stoeh, Paul	Inman, Kansas
Halderson, LaFangha	Hugoton, Kansas	Strickler, Ruth	Banuma, Kansas
Hamberly, Esther	Elgin, Illinois	Stucky, Marjorie	McPherson, Kansas
Hann, Lois	Fredericksburg, Iowa	Switzer, Martha	Hasteb, Colorado
Johns, Joseph	Stulp Level, Penn.	Taylor, Thomas	St. John, Kansas
Johnson, Martinell	McPherson, Kansas	Thiessen, Arle	Windom, Kansas
Kam, Joan	Stamps, Idaho	Thorn, Keith	McPherson, Kansas
Kendall, Marjorie	Topka, Kansas	Travis, Faye Ellen	Johnson, Kansas
King, Corale	Norton, Texas	Utt, Susan	Annuit, American Samoa
Kingery, Phyllis	Mt. Etna, Iowa	Vance, John	Twiss Falls, Idaho
Kitt, William	Hasteb, Colorado	Whitley, Bernard	McPherson, Kansas
Kosko, Stella	Moundridge, Kansas	Whitman, Lyla	Scott City, Kansas
Kosko, Willie	Moundridge, Kansas	Young, Betty	New Carlisle, Ohio
Lantz, Wendell	Low Angeles, Calif.	Zack, Harold	Elkhart, Iowa
Lanham, Klance	Lincoln, Nebraska		

FRESHMEN

Albert, Leon	Minneapolis, Minnesota	Grims, Billy	Weather Ford, Okla.
Bacon, Beverly	McPherson, Kansas	Grosnickle, Ruth	Laurens, Iowa
Barnes, Gerald	St. Louis, Missouri	Hall, Van	Richmond, Missouri
Bayle, Floyd	Chan, Kansas	Hamilton, Lloyd	Canton, Kansas
Becker, Gilbert	McPherson, Kansas	Hamilton, Shirley	Elgin, Illinois
Biss, Lois	Jenit, Jordan	Harris, Glen	Panora, Texas
Blish, Junita	Nacoma, Texas	Heidebrecht, Carmen	McPherson, Kansas
Borghard, James	McPherson, Kansas	Hofle, Robert	Marshalltown, Iowa
Bromsack, Gary	Axtell, Kansas	Hofle, Roger	Conrad, Iowa
Brown, Steven	McPherson, Kansas	Holdenrod, Betty	Ripley, Oklahoma
Brough, Dwight	Waterloo, Iowa	Hopper, Donna	McPherson, Kansas
Brown, Virginia	Wichita, Kansas	Hornbaker, Evelyn	Hutchinson, Kansas
Brown, Barbara	McPherson, Kansas	Hamberly, Wesley	Quinter, Kansas
Broska, Lawrence	Nickerson, Kansas	Irons, M. H.	McPherson, Kansas
Burkholder, Elaine	McPherson, Kansas	Jones, Gary	Cabool, Missouri
Christensen, Betty Lou	McPherson, Kansas	Jones, Sue	Canton, Kansas
Chico, Loren	Conway, Kansas	Jones, Wayne	Cordell, Oklahoma
Dalke, Allen	Moundridge, Kansas	Kaufman, Donna	McPherson, Kansas
Dalke, Karl	Lehigh, Kansas	Kesler, Lois	Sabetha, Kansas
Deardorff, Shirley	Minneapolis, Minn.	Kneekstedt, Lou	Conway, Kansas
DeLaeter, Dale	Heldywater, Virginia	Koch, Angelene	Hochheim-Mans, Ger.
DeGhertte, James	Lorraine, Kansas	Krebbel, Clinton	McPherson, Kansas
Dugas, Herbert	McPherson, Kansas	Langel, Leland	Windsor, Colorado
Edgar, Carl	McPherson, Kansas	Linsch, Harold	McPherson, Kansas
Ekman, Loren	Calendar, Iowa	Lane, Norman	Hodding, Minnesota
Erasminger, Harry	McPherson, Kansas	Lucore, Dorothy	Arleta, Colorado
Faerquist, Robert	McPherson, Kansas	Martin, Colleen	Los Angeles, Calif.
Fishburn, Alvin	Lawrence, Kansas	Merkey, Arlene	Clayton, Kansas
Ford, Donna	Preston, Minnesota	Merkey, Opal	Cloud Chief, Oklahoma
Fraselle, Betty Lou	Topka, Kansas	Messers, Shirley	Nurestar, Kansas
Franz, Wayne	McPherson, Kansas	Miller, Jerry D.	Conrad, Iowa
Freed, Ronald	Homestead, Oklahoma	Muller, Don	Richland, Kansas
Garrett, Robert	Gilman, Iowa	Mullhagen, William	Lorraine, Kansas
Gault, Martin	Edwards, Texas	Morris, Dale	McPherson, Kansas
Gilchrist, Dale	Wells, Kansas	Murray, Kula Mae	Conway, Kansas
Gosling, William	McPherson, Kansas	McCash, Kenneth	Abilene, Kansas
Graham, Russell	Kingsley, Iowa	McDaniel, Shirley	Portia, Kansas
Gross, Jerry	McPherson, Kansas	McGure, Dick	Pratt, Kansas
Gross, Dan	Sharon, Texas	McKellip, Lewis	Melba, Idaho

Neher, Leon	Quinter, Kansas	Smith, William	McPherson, Kansas
Odokara, Elijah	Port Harcourt, Nigeria	Spitzer, Clyde	Lamar, Colorado
Osun, Jimmie	Tokyo, Japan	Pierr, Paul	Wetomka, South Dakota
Olanbarker, Deon	Tampa, Kansas	Swinnette, Lane	Denver, Colorado
Oryema, Daniel C.	Amazowawa, Nigeria	Swinger, Mary Elizabeth	Essex, Missouri
Parson, Mas	Hutchinson, Kansas	Taylor, Lois	McPherson, Kansas
Parson, Harold	McPherson, Kansas	Tyrell, Ormer	McPherson, Kansas
Powell, Darrell	Moulton, Iowa	Thomas, John	Leeton, Missouri
Pulliam, Philo	Cham, Kansas	Thompson, Emmanuel	Salon Gar Zeris, Nigeria
Ratz, Verber	Edson, Iowa	Trotter, Carol	Johnson, Kansas
Richardson, Jack	Little River, Kansas	Truchbridge, Richard	Casthage, Mo.
Rowland, Harry	McPherson, Kansas	Ulton, Donald	Wiley, Colorado
Rover, Norman	Dallas Center, Iowa	Utirik, Gerald	Quincy, Kansas
Royer, Bobbie	Adel, Iowa	Utirik, James	Lehigh, Kansas
San Roman, Verdie	McPherson, Kansas	Vance, Bobbie	Two Falls, Idaho
Schaefer, Beverly	Worthington, Minn.	Wahl, Kenneth	Elmo, Kansas
Schmitt, Robert	Wichita, Kansas	Walker, Doris Jean	Pampa, Kansas
Schnee, Bonnie	McPherson, Kansas	Wallace, Gerald	Galva, Kansas
Schrock, Dean	Hampton, Iowa	Wampler, Phyllis Ann	Courtland, Kansas
Schrock, Donna	Green, Iowa	Webb, Harold	McPherson, Kansas
Shahab-El Din, Ghalle	Amman, Jordan	Webb, Orin, Hubbard	La Verne, California
Sis, Robert	Lorraine, Kansas	Williams, Evelyn	Worthington, Minn.
Silver, Joann	Linn, Iowa	Williams, Frances	McPherson, Kansas
Slaughton, Jean	Elgin, Illinois	Williams, John J.	Conrad, Idaho
Silver, Brian	Whites, Iowa	Wise, Robert	Nevada, Iowa
Smith, Doyle	Quinter, Kansas		

UNCLASSIFIED STUDENTS

Albright, Miriam	McPherson, Kansas	Kendall, Lee	McPherson, Kansas
Aspigner, Effie	McPherson, Kansas	Kerley, Peg	Wichita, Kansas
Bailey, Agnes	Galva, Kansas	Kough, Arlene	McPherson, Kansas
Barnhart, Edie	Parkersburg, W. Virg.	Kings, Jack	McPherson, Kansas
Bartler, Martha	McPherson, Kansas	Krueger, Myrtle	McPherson, Kansas
Bendley, Gerald	McPherson, Kansas	Kryce, Miriam	Lehigh, Kansas
Backwith, Wilma	McPherson, Kansas	Lack, Leanda	McPherson, Kansas
Bloch, Sherman	McPherson, Kansas	Mills, Vanda	McPherson, Kansas
Branscum, Peggy Ann	Canon, Kansas	Moore, Bill	Chicago, Illinois
Brown, Mildred	McPherson, Kansas	Murcia, Virginia	McPherson, Kansas
Bullinger, Wilbur	Canon, Kansas	Nelson, Madeline	McPherson, Kansas
Burkholder, Donna	McPherson, Kansas	Neumacher, Lucille	McPherson, Kan.
Bryant, Maxine	McPherson, Kansas	Peckham, Shirley	Iola, Kansas
Cameron, Florence	Hutchinson, Kansas	Phelan, Donna	McPherson, Kansas
Carlson, Robert	Chicago, Illinois	Pierce, Esther	McPherson, Kansas
Childs, Donna	McPherson, Kansas	Quackenbush, Eula	McPherson, Kansas
Clark, Esther	McPherson, Kansas	Rauk, Fred	McPherson, Kansas
Cleaver, Helen	McPherson, Kansas	Ray, Marie Dell	McPherson, Kansas
Cooper, Etta	McPherson, Kansas	Rourke, Florence	Hutchinson, Kansas
Cottell, Betty Ann	McPherson, Kansas	Sargent, Roseana	McPherson, Kansas
Crumpeker, Madona	McPherson, Kansas	Sida, Peggy	McPherson, Kansas
Dell, Miriam	McPherson, Kansas	Smith, Gail	Waterloo, Iowa
Daugh, Peggy	McPherson, Kansas	Stainer, Edith	Hutchinson, Kansas
Charly, J. D.	Hope, Kansas	Stevenson, Merle	McPherson, Kansas
Edwards, Mertie	McPherson, Kansas	Stork, Myrtle	McPherson, Kansas
Elr, Carol	Imman, Kansas	Swick, Jane	McPherson, Kansas
Fagerquist, Bernice	McPherson, Kansas	Thirson, Lily	Imman, Kansas
Frierson, Margaret	Imman, Kansas	Todd, Joann	McPherson, Kansas
Hamler, Marjorie	Canon, Kansas	Unruh, Irma	Lehigh, Kansas
Harris, Eleanor	Rocky Ford, Colorado	Utah, Viola	Galva, Kansas
Harrison, Leanna	McPherson, Kansas	Vand, Geraldine	McPherson, Kansas
Holmberg, Ruth	McPherson, Kansas	Wedel, Marie	Galva, Kansas
Hull, Olym	McPherson, Kansas	Wells, Emma	McPherson, Kansas
Jeans, Conie	McPherson, Kansas	Williams, Rutha	Imman, Kansas
Johnson, Irene	McPherson, Kansas	Williams, Mary	Imman, Kansas
Juhnke, Marguerite	McPherson, Kansas	Williams, Ruth	McPherson, Kansas
Kosnan, Madeline	McPherson, Kansas		

PRE-COLLEGE STUDENTS

Alger, Gladis	McPherson, Kansas	Dalke, John	McPherson, Kansas
All, Janet	McPherson, Kansas	Eisenhart, William	McPherson, Kansas
Anderson, Dorothy	McPherson, Kansas	Frost, Cheryl	McPherson, Kansas
Anderson, Karen	McPherson, Kansas	Frodsham, Charles	McPherson, Kansas
Anderson, Marjorie	McPherson, Kansas	Frost, Donna Rae	Imman, Kansas
Bechtel, Mariel	McPherson, Kansas	Goering, Deanna	McPherson, Kansas
Dell, Marilyn	McPherson, Kansas	Goering, Randall	McPherson, Kansas
Dell, Roberta	McPherson, Kansas	Goering, Stephen	McPherson, Kansas
Hittinger, Marianna	McPherson, Kansas	Hellschmidt, Barbara	Geoson, Kansas
Boyer, Janice	McPherson, Kansas	Hellschmidt, Margere	Geoson, Kansas
Brunkhite, Susan	McPherson, Kansas	Hershberger, JUI	McPherson, Kansas
Bryant, Larry	McPherson, Kansas	Holloway, Marietta	McPherson, Kansas
Christopher, Carolyn	McPherson, Kansas	Hull, Kenneth	McPherson, Kansas
Corwell, Cynthia	McPherson, Kansas	Irwin, Gordon	McPherson, Kansas
Cotton, Carolyn	McPherson, Kansas	Juhnke, Ralph	McPherson, Kansas
Dalke, Carol Ann	McPherson, Kansas	Krebsel, Colla Ann	Moundridge, Kansas

Krehbiel, Karen	McPherson, Kansas	Kellers, Marjorie	McPherson, Kansas
Krehbiel, Marcia	McPherson, Kansas	Shaw, Ralph	McPherson, Kansas
Krehbiel, Twila	Moundridge, Kansas	Stockham, Diane	Conway, Kansas
Kutina, Kay	McPherson, Kansas	Stucky, Galen	McPherson, Kansas
Lackie, Cynthia	McPherson, Kansas	Stucky, Judy	Moundridge, Kansas
Lantz, Mary Frances	McPherson, Kansas	Stucky, Mary Lou	McPherson, Kansas
Lehmberg, George, Jr.	McPherson, Kans.	Stucky, Sandra	Moundridge, Kansas
Lehmberg, Lorna	McPherson, Kansas	Sullivan, Pat	McPherson, Kansas
Lehne, Sandra	McPherson, Kansas	Swanson, Linnea	McPherson, Kansas
Loewen, Carolyn	McPherson, Kansas	Talbot, Fenton	McPherson, Kansas
Lois, Emma Jean	McPherson, Kansas	Thayer, Sharon	McPherson, Kansas
Looney, Joe Roy	McPherson, Kansas	Tucker, Cynthia	McPherson, Kansas
Mathes, Keith	McPherson, Kansas	Wall, Joyce	McPherson, Kansas
Meitlen, Rae Ann	McPherson, Kansas	Ward, Jean	McPherson, Kansas
Mohler, Getelle	McPherson, Kansas	Weber, Kay	McPherson, Kansas
Murrey, LaVena	Conway, Kansas	Wood, Quentin	McPherson, Kansas
Nelson, Margaret	McPherson, Kansas	Wood, Steven	McPherson, Kansas
Nelson, Nancy	McPherson, Kansas	Woodland, Nancy	McPherson, Kansas
Nordstrom, Kay	McPherson, Kansas	Woodland, Sara	McPherson, Kansas
Phoebe, J. Reed	McPherson, Kansas	Wray, Vena	McPherson, Kansas
Reiger, Shirley Rom	Galya, Kansas	Yoder, Karen	Conway, Kansas
Schrag, Joyce	McPherson, Kansas	Yoder, Marvin	McPherson, Kansas
Schultz, Kathleen	McPherson, Kansas	Zerbe, Carol	McPherson, Kansas

Summer Session Students

1952

FRESHMEN

Chase, Loren	Conway, Kansas	Rich, Donna	McPherson, Kansas
Cole, Don	McPherson, Kansas	Williams, Frances	McPherson, Kansas

SOPHOMORES

Cox, Belva	Bern, Kansas	Snider, Marjorie	McPherson, Kansas
Edwards, Myrtle	McPherson, Kansas	Snyder, Loren	Windom, Kansas
Haas, Kuki	Leona, Ariz. Arizoa	Steen, Lyle	Frederickburg, Iowa
Johnson, Marjorie	McPherson, Kansas	Switzer, Martha	Haxton, Oklahoma
Johnson, Lois	Hosaton, Kansas	Tyler, Miles	Alta Vista, Iowa
Kingery, Phyllis	Mt. Etna, Iowa	Wheat, Margorie	Margolte, Kansas
Krebs, Dale	McPherson, Kansas	Zeller, Herbert	Osceola, Missouri

JUNIORS

Anderson, Effie	McPherson, Kansas	Klassen, Margaret	Juman, Kansas
Aureli, Jane	McPherson, Kansas	Krehbiel, Geneva	McPherson, Kansas
Baerhoff, Pearl	Hurston, Kansas	Krocker, Margaret	Hutchinson, Kansas
Banta, Gertrude	McPherson, Kansas	Leck, Anabelle	Hutchinson, Kansas
Buckley, Myrtle	Newton, Kansas	Lobban, Ellen	Chico, New Mexico
Buckley, Ruby	Newton, Kansas	Lobban, Ray	Chico, New Mexico
Bullom, Myrtle	McPherson, Kansas	Milner, Anna	Norcaton, Kansas
Clark, Esther	McPherson, Kansas	Milner, Oran	Norcaton, Kansas
Clase, Fred	Waynesboro, Virginia	McDaniel, W. W.	Portis, Kansas
Edmonds, Pauline	Marion, Kansas	Oshorne, Grace	McPherson, Kansas
Els, Eard	Iman, Kansas	Basalia, Madona	Tehran, Iran
Fisher, Ernest	Hurston, Kansas	Sitte, Peggy	McPherson, Kansas
Haas, Imogene	Abilene, Kansas	Stines, Edith	Hutchinson, Kansas
Hornbaker, Esther	Hutchinson, Kansas	Todd, J. Howard	McPherson, Kansas
Hutcherson, Mary L.	McPherson, Kansas		

SENIORS

Allison, Keith	McPherson, Kansas	McConkey, Jerry	Quinter, Kansas
Birkenstaff, Urea	McPherson, Kansas	Pickertill, Gladys	Hutchinson, Kansas
Brumwell, Maxine	McPherson, Kansas	Porter, Betty Ann	Quinter, Kansas
Crumppacker, Mofona	McPherson, Kansas	Raislaff, Ruth	McPherson, Kansas
East, Kathryn	Conway, Kansas	Swartz, Myrtle	Hutchinson, Kansas
Fay, Jack	Hutchinson, Kansas	Smith, Alfreda	McPherson, Kansas
Fryman, Robert	New Paris, Indiana	Talle, Marjorie	McPherson, Kansas
Harms, Susan	McPherson, Kansas	Webb, Darlene	McPherson, Kansas
Karber, Floasia	McPherson, Kansas	Webster, David	Callaway, Virginia
Lawch, Doris	McPherson, Kansas	Wilson, Leland	Aline, Oklahoma
Leach, Luella	McPherson, Kansas	Yerkes, Beulah	Hutchinson, Kansas
Miller, Bryce	Wichita, Kansas	Zell, Mohammad	Tehran, Iran
Muller, Frances	Richmond, Missouri		

UNCLASSIFIED STUDENTS

Albright, Miriam	McPherson, Kansas	Maddew, Ava Lee	Fortis, Kansas
American, Helen	Partridge, Kansas	Maydew, Robert	Fortis, Kansas
Baldwin, Mary	McPherson, Kansas	Merkey, Josie	Clifton, Kansas
Blakey, Sallie	Lyons, Kansas	Miklow, Edgar	Elur Rapids, Kansas
Buller, Melvin	Inman, Kansas	Neaderhiser, Wanda	Kadon, Kansas
Byers, Kate	Ulyass, Kansas	Neff, Eugene	Haxton, Colorado
Carlson, Rhoda	Hutchinson, Kansas	Neher, Gerald	Oswego, Kansas
Colburn, Bully	McPherson, Kansas	Naber, Wava	Oswego, Kansas
Calyn, Alice	McPherson, Kansas	Nelson, Clela	McPherson, Kansas
Daggell, Margaret	Lawrence, Kansas	Picking, Eric	Abilene, Kansas
David, Andrew	Durham, Kansas	Prevo, Jeanne	Verona, Missouri
Dell, Miriam	McPherson, Kansas	Rhodes, Anna Lou	Inman, Kansas
Dell, Milton	McPherson, Kansas	Seybold, Angie	Hutchinson, Kansas
Eberly, D. D.	Hope, Kansas	Shes, Ethel	Medora, Kansas
Fishburn, Gordon	Lawrence, Kansas	Stucky, John	Moundridge, Kansas
Fisher, Leo	Oxford, Kansas	Uhrich, Grace	Dahler, Kansas
Frost, Russ	Herington, Kansas	Vancil, Sarah May	McPherson, Kansas
Graber, Agnes	Moundridge, Kansas	Wadsack, Arthur	Garden City, Kansas
Hubbard, LaFauight	Hugoton, Kansas	Wadsack, Karen	Garden City, Kansas
Kennedy, Ethel	Pleasanton, Kansas	Webb, Mary Grace	McPherson, Kansas
King, Minnie	Fortis, Kansas	Yoder, Lois	Pampa, Texas
Kinton, Mildred	Garden City, Kansas	Young, Verne	McPherson, Kansas
Kough, Arlene	McPherson, Kansas	Zent, Mabel	Hutchinson, Kansas
Krebbel, Theresa	Moundridge, Kansas	Zimmerman, Fayama	Inman, Kansas

PRE-COLLEGE STUDENTS

Baldwin, Edward	Moundridge, Kansas	Krebbel, Twila	Moundridge, Kansas
Bechtel, Muriel	McPherson, Kansas	Kutins, Kay	McPherson, Kansas
Bell, Marilyn	McPherson, Kansas	Lackie, Cynthia	McPherson, Kansas
Bell, Roberta	McPherson, Kansas	Lackie, Margot	McPherson, Kansas
Boyce, Janice	McPherson, Kansas	Matzes, Keith	McPherson, Kansas
Burr, Delores	McPherson, Kansas	Mettlen, Rae Ann	McPherson, Kansas
Buryanck, Larry	McPherson, Kansas	Nelson, Margaret	McPherson, Kansas
Cotton, Carolyn	McPherson, Kansas	Nelson, Nancy	McPherson, Kansas
Dalke, Carol Ann	McPherson, Kansas	Pierce, J. Reed	McPherson, Kansas
Dalke, John	McPherson, Kansas	Rehner, Judy	McPherson, Kansas
Eisenhart, Mary Ann	McPherson, Kans.	Schrag, Joyce	McPherson, Kansas
Frans, Cheryl	McPherson, Kansas	Smith, LaVonae	McPherson, Kansas
Frodsham, Charles	McPherson, Kansas	Smith, Betty Lou	McPherson, Kansas
Froese, Donna Rev	Inman, Kansas	Stucky, Mary Lou	McPherson, Kansas
Froese, Sarah Ann	Inman, Kansas	Stucky, Waneta	McPherson, Kansas
Heitschmidt, Barbara	Geneseo, Kansas	Swanson, Llonas	McPherson, Kansas
Heitschmidt, Margaret	Geneseo, Kansas	Swanson, Mark	McPherson, Kansas
Holloway, Margetta	McPherson, Kansas	Tucker, Cynthia	McPherson, Kansas
Roetriter, Susanne	McPherson, Kansas	Wall, Joyce	McPherson, Kansas
Johnson, Jolene	McPherson, Kansas	Wood, Quentin	McPherson, Kansas
Juhnke, Ralph	McPherson, Kansas	Wood, Steven	McPherson, Kansas
Krebbel, Karen	McPherson, Kansas	Wray, Vena Catherine	McPherson, Kansas
Krebbel, Marcia	McPherson, Kansas	Yoder, Karen	Conway, Kansas
Krebbel, Randy	Moundridge, Kansas	Zenger, Joan	McPherson, Kansas

SUMMARY OF STUDENT ENROLLMENT

1952-1953

Regular Session:	Men	Women	Total	
Seniors	71	58	129	
Juniors	50	39	89	
Sophomores	46	35	81	
Freshmen	87	42	129	
Total	254	174	428	411
Unclassified	18	69	87	
Pre-College	18	69	87	
Total	28	128	156	151
Total				
Summer 1953:				692
Seniors	6	17	23	
Juniors	7	23	30	
Sophomores	4	19	23	
Freshmen	1	3	4	
Total	18	62	80	72
Unclassified	18	69	87	
Pre-College	18	69	87	
Total	54	140	194	26
Total				
Total for the Year				

Application for Admission

1. Name, Mr. or Miss _____ Age _____
Address _____
2. Parent, or guardian _____
Address _____
3. In what year did you graduate from high school? _____
4. Name and address of your high school _____
5. Name and address of your high school principal _____
6. No. in your graduating class _____ Your rank in class _____
Average grade _____
7. If you have attended another college, give name, location, and dates _____
8. Church membership _____ or preference _____
Name of congregation _____
9. Intended vocation, if decided _____
10. Courses you have found most interesting _____
11. School honors achieved _____
12. Underscore extra-curricular activities of chief interest to you:
A Cappella Choir, Band, Orchestra, Solo Work, Quartette, Debate,
Oratory, Dramatics, School Paper, Annual, Amateur Photography,
Clubs, Deputation, Football, Basketball, Track, Tennis, Baseball,
Student Council. Name others _____
What is your hobby? _____
13. References:
A former teacher in high school or college:
Name _____ Address _____
A responsible person who knows you well:
Name _____ Occupation _____
Address _____
14. Do you wish a room in the dormitory? _____ If so, please send
a \$10.00 room reservation with this application.
15. Do you understand and agree to follow the rules and regulations of
the college as outlined in the catalog? _____
16. Year you expect to enroll in M. C. _____
17. Date _____ Applicant's Signature _____

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

Physical Examination Blank

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

11. Miscellaneous Information (check girls for dysmenorrhea):

12. What diseases have you had and the year:
Scarlet Fever _____ Tonsillitis _____
Diphtheria _____ Tuberculosis _____
Small Pox _____ Pneumonia _____
Whooping Cough _____ Rheumatism _____
Typhoid Fever _____ Others _____
13. In your opinion are there reasons why this individual should not enroll and participate in regular college activities?
If your answer is yes, please give reason:

Schedule of Classes for Each Week

Students will find it convenient to enter in the following weekly schedule the times of meeting for the classes which are tentatively chosen for a semester of work. It will be helpful to have this available for your counselor when final enrollment is made. Planning your program carefully and wisely will contribute much to an enjoyable and successful college experience.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
7:45	0	1	1	Faculty M.	1
8:40	2	A O	2	A O	2
9:35	3	Chapel	3	3	Assembly Pep Assembly
10:30	B	4	B	4	4
11:25	5	5	C	5	C
Noon					
1:15	6	D	6	D	6
2:10	7	E	7	E	7
3:00	As arranged by the Department of Music and other non-conflicting events.				
4:00	As arranged by the Department of Physical Education and other non-conflicting events.				
4:55					

Note: 0, 1, 2, 3, 4, 5, 6, 7 represent three hour classes.

A, B, C, D, E, represent two hour classes and laboratories.

Laboratories are assumed to be arranged at any time satisfactory to all parties concerned.

Index

Accreditation	10	Employment	18, 30
Activities, Extra-Curricular	31	English	94
Admission	40	Proficiency Examination	45
Advanced Standing	40	Expenses	14
Advisers	47	Extra-Curricular Activities	31
Agriculture—See Rural Life		Faculty for 1952-1953	110
Aid, Student	17	Officers of the	108
Aims, Purposes and	11	Standing Committees of the	108
Alumni Association	37	Fees	15
Application for Admission	121	Foreign Languages	97
Art, Courses in	93	French	97
Assistantships	20	General Science	72
Athletics	35	Geology	63
Band	36, 109	German	97
Banquet, Booster	36	Governmental Organizations	32
Biology	60	Grading, Scale of	46
Board	14	Health	28
Buildings	21	History	84
Business Administration	77	History of the College	7
Calendar	5	Home Economics	66
Certification	80	Honor Graduates	46, 115
Chapel	45	Honor Roll	46
Chemistry	62	Independent Study	46
Church Leadership Training	57	Industrial Arts	
Class Attendance	44	Education	86
Classification, Student	45	Information, General	7
Clubs	31	Instruction, Courses of	58
College, Mt. Morris	8	Intramural Activities	35
Commencement Honors	115	Journalism	53, 97
Community Service	37	Languages, Literature, Arts,	
Composition	95	(Division of)	93
Conference, Regional	35	Latin	98
Contents	6	Liberal Education	11
Control of the College	10	Literature	95
Councils, Men's and Women's;		Loan Funds	17
Student	32	Location and Accessibility	7
Counseling	28	Material Equipment	21
Courses of Instruction	58	Mathematics	68
Courses of Study	47	Matriculation	14
Dates, Significant	9	Moral and Religious	
Degrees, Honorary	115	Influences	29
Directory	6	Mt. Morris College	8
Discounts and Refunds	16	Museum, The	27
Economics	73	Music	
Education and Psychology	76	Applied	99

Index Continued

Education	103	Regional Conference	35
Theory of	106	Registration	41
Musical Organizations	33	Regulations	
Natural Sciences	60	General	38
Numbering Courses, System of	48	Miscellaneous	43
Oratory	33	Religion—See Philosophy and	
Orientation	45	Religious Aims;	
Personal Development	12	Influences	19-20, 30-31
Personnel Service	28	Requirements	
Philosophy and Religion	88	Concentration	43
Physical Education	63	Credit	41
Physical Examination Blank	123	Degree	41
Physics	69	Distribution	42
Piano	99	Entrance	40
Pipe Organ	102	Grade Point	42
Placement Bureau	31	Residence	41
Political Science	85	Room	14
Pre-Professional and		Deposit and Reservation	17
Professional Courses	47	Rural Life	70
Pre-Agriculture	47	Schedule of Classes	125
Business Administration	48	Scholarship	14
Pre-Dental	50	Scholarships	3
Pre-Engineering	50	Sciences	
Business Administration	48	Natural, Division of	60
Pre-Dental	50	Social, Division of	53
Pre-Engineering	50	Secretarial Courses	75
Chemical	49	Social Life	30
Civil, Electrical and		Social Sciences	73
Mechanical	50	Sociology	90
Home Economics	51	Spanish	18
Industrial Arts	52	Speech	96
Pre-Journalism	53	Student	
Pre-Legal	53	Attendance, Summary of	120
Library Work	54	Directory	116
Pre-Medical	55	Load	43
Pre-Medical Technician	55	Summer Session;	
Pre-Nursing	56	Summer Session	39
Secretarial	56	Students	119
Social Work	57	Teacher Education	80
Pre-Theological	57	Terms	16
Pre-Veterinary	58	Testing Service	29
Rural Life	48	Trustees, Board of	107
Presidents of McPherson College	8	Tuition	14
Psychology	76	Veterans	40
Purpose and Aims	11	Violin	101

Index Continued

Visitation, High School	36	Withdrawal	44
Volley	100	Women's Athletic Association	35
Wind Instruments	102		

PRINTED BY
McPHERSON DAILY REPUBLICAN



ATHLETIC FIELD

PHYSICAL EDUCATION
BUILDING

FRANK
KAZA

HARDY
HALL