

1940

# 1940 Southern Illinois Normal University Bulletin (Summer Session)

Southern Illinois State Normal University

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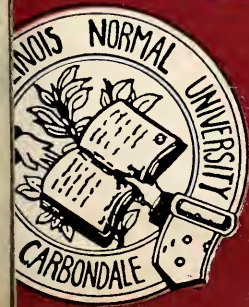




*Summer Session*

STATE OF ILLINOIS ★

HENRY HORNER ★ GOVERNOR



**SOUTHERN ILLINOIS  
NORMAL UNIVERSITY**





STATE OF ILLINOIS  
HENRY HORNER, GOVERNOR

# Southern Illinois Normal University Bulletin

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VOLUME XXXIV

CARBONDALE, ILLINOIS, APRIL, 1940

NUMBER 2

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## ANNOUNCEMENT OF THE SUMMER SESSION

June 10 to August 2, 1940

PUBLISHED QUARTERLY BY THE UNIVERSITY  
JANUARY          APRIL          JULY          OCTOBER

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[Printed by authority of the State of Illinois.]

# CALENDAR

1940-41

## Summer Session, 1940

1940		
June 10	Monday	Registration, Summer Session
June 11	Tuesday	Instruction begun
August 1-2	Thursday-Friday	Final Examinations

## Fall Quarter

Sept. 9	Monday	Registration begun
Oct. 25-26	Friday-Saturday	Homecoming
Nov. 27-29	Wednesday-Friday	Final Examinations

## Winter Quarter

Dec. 2	Monday	Registration, Winter Quarter
Dec. 3	Tuesday	Instruction begun
Dec. 21	Saturday	Christmas vacation begun
1941		
Jan. 6	Monday	Instruction resumed
March 5-7	Wednesday-Friday	Final Examinations
March 8-16		Spring vacation

## Spring Quarter

March 17	Monday	Registration
March 18	Tuesday	Instruction begun
June 1	Friday	Baccalaureate Service
June 3-5	Tuesday-Thursday	Final Examinations
June 6	Friday	Sixty-sixth Annual Commencement

## Summer Session, 1941

June 9	Monday	Registration
June 10	Tuesday	Instruction begun
July 31-Aug. 1	Thursday-Friday	Final Examinations

SA3  
A5

1946-41

CARBONDALE, ILLINOIS

# SOUTHERN ILLINOIS NORMAL UNIVERSITY

STATE OF ILLINOIS

HENRY HORNER  
Governor

## ADMINISTRATIVE OFFICERS OF THE SUMMER SESSION

ROSCOE PULLIAM .....President  
G. D. WHAM.....Dean Emeritus of the Faculty  
T. W. ABBOTT.....Director of Extension  
ALICE DiGIOVANNA.....Secretary to the President  
E. G. LENTZ.....Dean of Men  
JOHN R. MAYOR.....Chairman of Faculty Senate  
B. W. MERWIN.....Director of Training Schools  
EDWARD V. MILES, JR.....Business Manager  
MARJORIE SHANK .....Registrar  
F. G. WARREN.....Head of Department of Education  
LUCY K. WOODY.....Dean of Women

## NORMAL SCHOOL BOARD

JOHN J. HALLIHAN.....Director of Registration and Education  
*Ex-Officio Chairman*  
JOHN A. WIELAND.....Superintendent of Public Instruction  
*Ex-Officio Secretary*  
HARRIET A. McINTIRE.....Mendota  
JOHN D. DILL.....2021½ W. Main St., Carbondale  
OTTO G. BEICH.....Bloomington  
CHARLES E. McMORRIS.....Marshall  
WILLIAM E. SUNDERMAN.....Charleston  
JACOB ALSCHULER .....Aurora  
PRESTON BRADLEY.....941 Lawrence Ave., Chicago  
MRS. REED GREEN.....Cairo  
ROSWELL B. O'HARA.....Macomb  
LUCIEN A. FILE.....Co-ordinator

Southern Illinois Normal University is fully accredited as a Four-Year Teachers College by the American Association of Teachers Colleges and by the North Central Association of Colleges and Secondary Schools.





Old Main

## PRESIDENT'S FOREWORD

Southern Illinois Normal University again presents for the consideration of the teachers of Illinois the Bulletin of the Summer Session at the College. During the past several years the College has been trying more and more to make the offering of the Summer Session serve, not only to advance the academic standing of the teachers so that they might receive credit for attendance, but also to give them courses of instruction that would help them in a most practical way in the immediate task of teaching in the schools of Southern Illinois. We believe that the plans made for the coming summer will go farther in this direction than any previous plans have gone.

Former students and friends of the College who have not attended it for several years will be interested to become intimately acquainted with it again, since they will find that a number of significant changes have occurred since they were here. There have been some changes in the physical plant of the College that are easy to observe. But the more significant changes have been in the program and the spirit of the school.

During the past two years the school has apparently entered upon a new period of rapid growth in several significant directions. There has been a growth of forty per cent in average enrollment since 1936. The College now ranks fourth in size among all teachers colleges in the United States, first in Illinois. During the past five years a total of twenty-five new positions have been created on the faculty. To the new faculty members who have been brought to the campus to fill these new positions there have been added thirty more who have come to take the places of faculty members who have retired or who have gone elsewhere to work. The net effect has been to bring to the College fifty-five new faculty members who are highly trained, energetic young people, most of whom hold the doctor's degree. Whereas in 1935 there were twenty-three Ph.D's on the campus, there now are thirty-nine.

We believe that there has also been a most significant increase in the influence of the College upon the territory which it serves and in its intimate association with the territory in many different ways. It has been the constant effort of the faculty and administration during recent years to try to bring the College down to earth, and home to the problems and opportunities of Southern Illinois, to take it out into the region which it serves so that it might offer, in fullest possible measure, such services as it has available to the people of Southern Illinois, for whom it was established.

Corresponding to the increase on the part of the College in concern for the welfare of its area and in influence in its area, there has gone a marked increase in the national reputation and influence of the College. The College has recently been chosen as one of fifteen institutions of higher education which are to participate in a five year nationwide program for the improvement of teacher education, which is to be carried on under the auspices of the Commission on Teacher



Education, established by the American Council of Education and liberally financed by several of the great foundations. A member of the staff of the College is chairman of a national Committee on Rural Education, which has been set up jointly by the Farm Foundation and the American Country Life Association.

Hardly a month passes without the appearance of articles or monographs in periodicals of national circulation that are written by members of the staff of Southern Illinois Normal University. During the past five years seven books have been published by people who are now or were at the time of publication members of the staff of the College.

We cordially invite former students of the College to return for the eight-weeks of the summer session or for the four-weeks of the Rural Work Shop to renew their acquaintance with the College and to secure from it whatever services they may require. We extend an equally cordial invitation to teachers of Illinois who have not previously attended the College. We believe they will find here a hospitable, cordial, friendly faculty and student body, a progressive, inspiring program, generous opportunities for enjoyment and recreation and everything that is required for a successful and happy sojourn in summer school.

The Kindergarten



## ATTRACTION OF THE 1940 SUMMER SESSION

### Recreational Institute

The College offers this summer the third annual Recreational Institute.

In the past, nine departments have cooperated to make this recreational course possible: Music, Biology, Speech, the Practice School, Industrial Arts, Art, Photography, and Men's and Women's Physical Education departments. The WPA has also materially helped. For the summer of 1940 similar cooperation will obtain, promising to those who enroll in the course a wide variety of opportunity to work with many materials and satisfy many interests. Creative desires are especially appealed to by the work in puppetry, leather, bone, archery, basketry, raffia, and toy-making. For the work in puppetry, specialists from off-campus have been brought in, to teach not only the art of making puppets, but also the art of manipulating them and staging puppet shows.

Nearly three hundred students have so far taken the work offered by the Institute, and are unanimous in reporting that what they have learned there has been of great practical value in helping them to carry on extra-curricular work in the schools where they are employed.

The Institute for 1940 will organize and have theory lectures the first week of the summer term; thereafter the course will run from the second through the seventh week, from two to four o'clock in the afternoon, Monday through Friday. The afternoon hours were chosen in order that students need not give up the course because of conflict with regular classes. It may be necessary during the last week to have a few meetings at night.

### The Summer Educational Conference

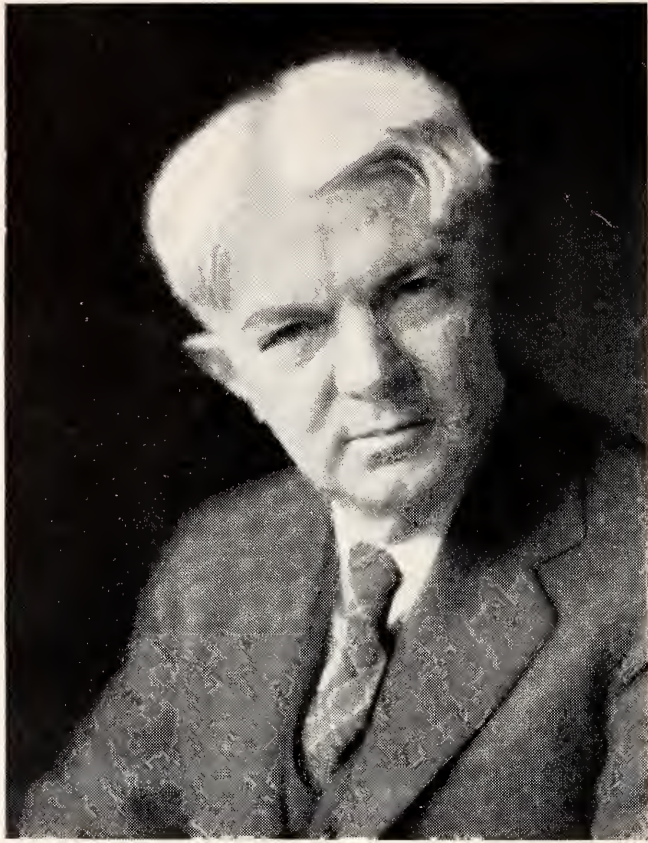
The Fifth Annual Conference of Southern Illinois Teachers and Administrators will be held on the College campus June 18, 19, and 20. The meetings will be devoted to the subject of progressive education. Dr. William H. Kilpatrick, Professor Emeritus of Teachers College, Columbia University, will have charge of the meetings.

The conference will include five half-day sessions, beginning on Tuesday afternoon, June 18, with forenoon and afternoon sessions on Wednesday and Thursday. A tentative program for the first session follows:

11:00 A. M. to 1:20 P. M.—Registration and assignment to special groups. Discussion groups are now being planned for elementary teachers, rural teachers, secondary school teachers, and administrators.

1:30 P. M. to 2:30 P. M.—Meetings of the discussion groups. Each group will be placed in charge of an outstanding leader in the





**Dr. William Heard Kilpatrick**

field of education. Important contemporary problems of education as presented in a special syllabus which Dr. Kilpatrick has prepared, will serve as a basis for discussion. Questions and problems which arise in these group meetings will be passed on to Dr. Kilpatrick, who will give his point of view in the session which follows.

2:40 P. M.—General Session, led by Dr. Kilpatrick. During this session Dr. Kilpatrick will call for questions from the various groups, and will discuss these in the light of progressive philosophy.

Each of the sessions on Wednesday and Thursday will follow this pattern. Forenoon sessions will begin at 9:30.

The conference, as in previous years, is open to all those interested in Education. Those who wish may earn one quarter hour credit by attending all sessions, taking an examination, and paying the usual fee.

### **The Educational Exhibit**

During the three days of the conference an educational exhibit will be held. Textbooks and reference materials, instructional devices, visual education, and general classroom equipment will be exhibited

by outstanding companies in the various fields. Last year about two thousand people visited the exhibits of some forty-five companies. The exhibits of past years have been of great value to summer students, visiting administrators, school board members, and teachers. An unusually good display is planned for this year.

**Regional Conference in Reading**  
**June 24-28**

To meet the demands of a wide-spread interest in better reading instruction, the College will this year sponsor a five-day reading conference. The general plan for each day will include a lecture in the forenoon by an outstanding authority in the field of reading who will discuss a series of recognized reading problems. The lecture will be followed by meetings of special-interest groups as follows:

Teachers of Primary Reading  
Teachers of Intermediate Reading  
Teachers of Upper Grade Reading  
High School Remedial Reading

These special groups will have an opportunity to discuss their individual problems, and to raise questions to be presented to a special panel at the afternoon general session.

The conference is open to all persons who wish to attend, regardless of whether they are enrolled for the summer session. A small registration fee will be charged. Those who wish may earn up to two quarter hours credit by paying the usual fee.



Rural Demonstration School



**Summer Sports**

### **Rural Demonstration School**

The Practice Department will offer practice in observation work in rural education again this summer. The purpose of this work is to furnish an opportunity for the study of rural life, of the rural school and rural community, and to provide experience in them. One of the schools located a short distance from Carbondale will be used as a demonstration school for four weeks of the summer session. Surveys, excursions, and contact with local people and community enterprises should furnish students the knowledge and techniques for creating among the people of a rural community an awareness of the potentialities of their environment. An effort will be made to make this work as practical and informal as possible. It will be given in the afternoons for four quarter hours credit.

### **Workshop In Rural Education**

An opportunity will be given for a limited number of rural teachers and supervisors to work on group and individual problems as related to the rural school in meeting child and community needs. The work will include class discussion of general problems, individual and group conferences, observation in a rural demonstration school, excursions, and participation in other activities with the guidance of specialists in these fields. Special consideration will be given to ways of utilizing environmental resources in providing for child growth and development. Arrangements for enrollment should be made by May 1. This will be a full-time course for four weeks, June 10 to July 6.

### Child Guidance Clinic

One of the most valuable services of the College to Southern Illinois is the Child Guidance Clinic held here in cooperation with the Chicago Institute for Juvenile Research and with the State Department of Public Welfare. Begun here in April, 1936, it will have its eighteenth session during three days of the summer term. The staff of experts sent out by the Institute includes Dr. Maurice Kaplan, psychiatrist, Mrs. Augusta Jameson, psychologist, and Mrs. Edith Lesser, psychiatric social worker. The local staff consists of Dr. Marie Hinrichs, Miss Florence Denny, Mrs. Wanda N. Gum, Dr. Douglas Lawson, and Dr. W. A. Thalman, who is director of the Bureau.

I. One general function of the clinic is to acquaint the college students and student teachers with the nature of clinical work and with some of the diagnoses of individual cases. This is being done in two ways:

a. In all of the introductory classes in psychology each term, a member of the Bureau of Child Guidance presents a history of clinical development throughout the country, calling special attention to the clinic here. In this discussion students are made acquainted with the blanks which are used for gathering the information which is necessary for each case. Illustrations of typical problem cases are presented, together with suggested solutions of the case studies in question.

b. During the past year the Bureau has developed a consultant service which is offered to student teachers who would like to acquaint themselves more definitely with the procedure used in finding out the possible causes of maladjustments. The student teacher selects some problem case from the class he is teaching and, through a consultation with the critic and the committee from the Bureau, is made acquainted with modern and progressive concepts, which should lead to correction of undesirable behavior patterns.

II. A second general function of the clinic is to make a detailed study of individual cases involving children from Southern Illinois. The following are a few of the most common reasons for presenting children to the clinic: disobedience, stubbornness, rebellion, nervousness, temper, truancy from home or school, lying, reading difficulty, inability to get along with other children, retardation, school failures, and speech defects.

III. At each clinic a general lecture on some clinical problem is presented by a member of the Professional Staff. Such topics as the following are discussed: Mental Hygiene; The Development of Personality in the Child—The Part Played by the Teacher and the Part Played by the Parents; Behavior Aspects and the School Child's Conduct; and The Effect of Family Relationships upon the School Child. These lectures are followed by open forums. These sessions are open to the student body at large and also to the public.



On the second day of the clinic the Professional Staff conducts seminars which are open to student teachers and to the critics of all the practice school units. In these seminars members of the Professional Staff from the Chicago Institute for Juvenile Research present case studies of children from another section of the State. A diagnosis is given and a discussion by the groups follows. Finally, the remedial programs for the cases in question are presented.

IV. Parents have also come to look upon the Bureau as offering opportunity for discussing various types of behavior patterns with some member of the College Staff. Appointments are made by correspondence and can be arranged at any time during the year. This service assists parents not only to correct undesirable forms of conduct on the part of the child, but also to aid the parent in knowing how to direct the child so that there is less likelihood that negative patterns of behavior will develop.

V. Another important activity of the Bureau is the conducting of interviews with college students who are faced with problems in adjusting themselves, in changing certain attitudes, and in other social matters. These interviews may be held with any member of the local staff and at all times are confidential. This phase of the work is also extended throughout the entire year.

Summer school students will have access to at least some of the activities of the Bureau of Child Guidance and will be given an opportunity of becoming better acquainted with the diagnostic point of view in the studying of the school child. That psychological clinics are new in teachers colleges can be observed from the fact that only about three state teachers colleges in the United States conducted psychological clinics before 1930. The number offering these services is beginning to grow rapidly; the College at Carbondale is the first State Teachers College in Illinois to establish a Child Guidance Bureau and Clinic.

### **Custodian-Engineer School**

This summer the fifth annual Janitors' School will be held for a week, June 11 to June 14, to give instruction to school custodians on the maintenance of school buildings. School boards and administrators are invited to send their custodians to the sessions and to feel free to attend any or all meetings.

Boards of education and superintendents as well as school custodians themselves well realize that both the complexity and cost of modern school equipment and the recent improvements that have been made in operating and maintaining school plants make training for the custodian extremely important. All progressive schools are looking for those improvements and economies in building operation and management that only a well-trained custodian can accomplish. The close relationship that exists between pupil health and proper maintenance of school buildings and grounds is a matter not to be overlooked. Also to be considered is the importance to the educational program of a well-maintained building and of a custodian who is adequately

trained for the work. School custodians should be as much interested in the course as are boards of education and superintendents. Continual study is necessary if one who is engaged in a trade or profession demanding a high degree of skill is to keep himself informed upon the latest developments in his field. Training is needed by every man who has the desire to improve himself economically and to render the best service possible in his work.

Last year for the third time, the Janitor School secured the services of Mr. L. C. Helm, former principal of the Minneapolis Janitors' Training School and now maintenance engineer of Columbia University. It is expected that Mr. Helm will return this year, and his work will be supplemented by a number of faculty members, school custodians and executives, as well as officials in a number of public enterprises. The officials of the Southern Illinois Engineer-Custodian Organization, President Arthur Hancock and Secretary O. E. Sutton, will again help to organize the subjects for discussion. Emphasis will again be divided between those who are attending the sessions for the first time and those who are interested in more advanced work.

As this is the only Custodian-Engineer School held in Southern Illinois, it is hoped that many school boards will urge their building custodians to attend. In other states, considerable stress is placed on the work offered by similar schools, and attendance at such schools is one of the factors in salary increases for those in charge of building maintenance.

### **Summer Entertainment Course**

During the summer term the College Entertainment Committee offers a varied program of musical, dramatic, and lecture attractions. Among the attractions offered in previous summer programs are General Smedley D. Butler, Sigmund Spaeth, the "Tune Detective", Prof. Harry Elmer Barnes, and the Fiske Jubilee Singers.

For the benefit of the large number of students commuting to and from Carbondale in the summer, the majority of the summer entertainment attractions are scheduled for the morning assembly period.

Students are admitted to Entertainment Course attractions on the presentation of their activity tickets.

### **Summer School Band**

Each summer there is a school band in operation in Carbondale, composed of grade and high school pupils of the town, and directed by its original organizer, Mr. Charles Paterson, and student assistants. Any student or teacher coming to the College is welcome to sit in and play with this band. It practices in the afternoon, four days a week, devoting itself to both concert material and marching. Each week the band gives a concert in the business district; last summer it played a total of ten concerts. It also makes various trips in the course of the summer, the most notable one being to Sportman's Park, St. Louis, to play for a big league baseball game, and others being to various fairs



and, more than once, to the Murphysboro Swimming Pool on group outings.

College summer school students are cordially invited to join this band.

### Recreation

Because recreation is especially important to summer school students, who may be a bit jaded after a season of teaching or after three terms of college work, the College again has arranged a comprehensive program of extra-curricular entertainment in which everyone should be able to share.

The Music Department, through its orchestra, offers two all-school evening concerts—on June 27, in the third week, and on July 17, in the sixth week. A “college sing” will be held in connection with the first concert; and so that no one will be without a book, the Music Department will provide slides for everyone to sing from. On two other days during the summer, the exact dates for which cannot yet be set, the College will arrange bus trips to the St. Louis Municipal Opera, each student to pay his own expenses.

Provision for games and athletics has again been made. The all-college play nights initiated last summer will be repeated, under the direction of Mr. Martin of the Physical Education Department. The dates are June 18, in the second week, and July 18, in the seventh week. The annual summer intra-mural tennis tournament, under the direction of Mr. Tenney, is a non-varsity affair, open to men and women, with matches in singles and doubles. The tournament begins the week of June 17 and concludes the week of July 20. Campus bulletin boards will carry all the information necessary for entry into the matches. Baseball, in charge of Mr. Beyer, opens its annual tournament for men at the end of the first week. Games will be played every afternoon except Friday. Balls, bats, bases, and equipment for catchers and umpires will be furnished. Finally, there will be, for free lance players, all the usual games that the athletic departments provide—archery, horseshoe, table tennis, the facilities of two new roque courts, and other forms of play.

Mr. Schneider will continue, in a new and larger exhibition case, the series of displays of valuable objects of modern arts, crafts, and manufacturers.

Students are urged not to neglect other forms of pleasant or profitable entertainment which the location of Carbondale makes accessible. There are good fishing waters nearby, and opportunities for boating. Students who have cars can visit innumerable places of natural beauty or social significance, from Shawneetown in the East to the resettlement projects for sharecroppers in nearby Missouri. A partial list of such points of interest follows.

**Points of Scenic Beauty**

Fountain Bluff Drive	Still House Hollow (Garden of
Pine Hills Skyline Drive and	the Gods and Bluffs)
LaRue Botanic Area	Giant City Park
Karbers Ridge Drive	Fern Cliff
Belle Smith Springs and	Bald Knob
Natural Bridge	Devil's Den
Alto Pass Drive	Saltpeter Cave
Cave-in-Rock	Big Lake
Williams Hill	Round Lake
Rattle Snake Canyon	Fehrer Lake
Natural Bridge, Pomona	Allard Lake
Natural Bridge, Cypress	Loon Lake

**Other Points or Projects of Interest**

Anna Wild Turkey Hatchery	Dixon Springs Pasture and
Mt. Vernon Game Farm	Erosion Control Demonstration
Horseshoe Lake Preserve	Project
Crab Orchard Lake	Fort Massac
Moving of Shawneetown	Kaskaskia
U. S. Dam and Locks, Golconda	Fort Chartres
	Fort Gage
	Cahokia Mounds



GENERAL INFORMATION

Fees for the summer session total \$13.25 for all who sign the agreement to teach.

Registration Fee.....	\$7.50
Student Activity Fee.....	3.75
Book Rental Fee.....	2.00
<hr/>	
Total .....	\$13.25

For those who are not preparing to teach, the fees amount to \$24.50. These fees, exclusive of the book rental fee, are set by the Teachers College Board, and are uniform for all State Teachers Colleges in Illinois. This charge includes the fees for registration, limited medical service and hospitalization, library, and gymnasium and athletics. In addition to this, each student receives the weekly *Egyptian* and is given at the time of registration a ticket to the entertainment course.

Holders of acceptable Lindley Scholarships or Normal School Scholarships do not pay the registration fee of \$7.50.

While this announcement of courses for the 1940 Summer Session may not be taken as final, most of the subjects will be given as scheduled. The normal student load will be twelve quarter hours, the equivalent of eight semester hours of work. Students with excellent records may register for fourteen credit hours, the maximum load. Two, three, four, and five quarter-hour courses are offered this summer session, the days on which each course meets being indicated in the description of the course. Each class period is 60 minutes in length. The summer school day is divided into five periods and an assembly hour as follows:

1st hour— 7:05-8:05	3rd hour— 9:50-10:50
2nd hour— 8:10-9:10	4th hour—10:55-11:55
Assembly— 9:15-9:45	5th hour—12:00-1:00

Courses numbered 100-199 are primarily for freshmen; 200-299, for sophomores; and 300 and above, for juniors and seniors.

GRADING SYSTEM

Grades are expressed in letters as follows:

A, Excellent .....	5 grade points
B, Good .....	4 grade points
C, Fair .....	3 grade points
D, Poor but passing.....	2 grade points
E, Failure .....	1 grade point
Fld., failing at time of withdrawal, course not completed .....	1 grade point
N. C., not complete, passing at time of withdrawal.	

## REQUIREMENTS FOR GRADUATION

All of the work offered in the summer session carries regular college credit. A student may fulfill many of the requirements for the Bachelor of Education degree by attending summers. A total of 198 quarter hours of credit, six of which are in physical education activities, are required for the degree. At least 64 hours must be in subjects not open to freshmen and sophomores. A student may prepare for high school teaching, in which case he must select an academic major and two minors (if the major is 48 hours, only one minor is required); or he may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field. Following are the requirements which should be fulfilled by all students within the first two years of attendance:

## Social Studies—15 Quarter Hours

History 110A, 105A—5 hours (Required)

Political Science 200—5 hours

Economics 205—5 hours

Sociology 101—5 hours

## Humanities—15 Quarter Hours

Rhetoric 101, 102, 103—6 hours

Literature 205, 209, 211, 212—6 hours

Music 100 (205), or Art Appreciation 120—3 hours

## Biology and Earth Sciences—14 Quarter hours

Health Education 202—4 hours

Botany 101, 202 or Zoology 101, 105—5 hours

Geography 100—5 hours

## Physical Sciences and Mathematics—12 Quarter Hours

Chemistry, Physics, or Mathematics

(12 hours selected from two departments)

## Physical Education—6 Quarter Hours

A reading knowledge of some foreign language (to be determined by examination) is required for graduation. For some students this would require 3, 6, or 9 hours of class work.

## Other degree requirements are

Rhetoric—3 hours: 390

Psychology—8 hours: 206-4, 305-4

Education—12 hours

For those preparing for high school teaching:

315-4, 310-4, elective—4 hours in any 300 or 400 course.

Education 320 is recommended but not required.

For those taking the Bachelor of Education degree in elementary education:

215-4 (or 230-4, or 235-4), 311, elective—4 hours.

Education 321 is recommended but not required.

Practice Teaching—12 hours

Major—36 to 50 hours

Minor—24 hours



The major in elementary education should include practical courses dealing with the schools in general but more especially with elementary and rural schools. Courses such as the following education courses are recommended for this purpose: 235, 311, 325, 335, 337, 340, 350, and 360. In addition to the major, students will be expected to complete two minors of at least 24 hours each and a third minor in a field of associated subjects. Several other departments are offering courses aimed primarily for the training of elementary teachers.

Students preparing for the Limited Elementary Certificate at the end of two years should refer to outlines for rural teachers and for village and elementary school teachers published in the annual catalog.

Before a student may receive his bachelor's degree or be recommended for a certificate, he must have maintained a 2.75 average and secured grades not lower than C in subjects aggregating at least three-fourths of the required work, prescribed or elective.

### REGISTRATION

Admission to the summer session is limited to graduates of accredited high schools and to those mature teachers whose experience entitles them to admission without high school graduation. The latter, however, will be admitted as unclassified students. Any student contemplating matriculation should have a transcript of his high school record and such college credits as he may have sent to the Registrar prior to his coming.

Miss Bowyer is the adviser for the freshman class. She is assisted by a number of sponsors who advise the first-year students individually. All sophomores register with Mr. Ted R. Ragsdale. Juniors and seniors preparing for high school teaching should report to the heads of the various departments in which they are majoring for approval of their assignment cards. Dr. Barton advises the unclassified students, and Dr. Thalman advises those who already have degrees. Students who are specializing in elementary education and are not majoring in an academic subject should register with Mr. Bosley. High school students will register with Mr. Logan, and those in the elementary school with Mr. Cisne.

### BOARD AND ROOM

Women may secure board and room at Anthony Hall for \$6.00 a week. Anyone interested should write to Miss Julia M. Barber, Head of Anthony Hall, and make a deposit of \$5.00 to reserve a room.

Students may secure board and room in Carbondale at similar prices, or may secure rooms with light housekeeping facilities, two persons to a room, at a cost of \$1.50 to \$2.50 a person. Students are finding it profitable to pool their money for food and either prepare their meals cooperatively or engage a cook to prepare them. This plan is carried on in some rooming houses. Men desiring information

concerning board and room are requested to write to Mr. E. G. Lentz, Dean of Men, and women should write to Miss Lucy K. Woody, Dean of Women. Other members of the Housing Committee are Mr. W. M. Bailey, Miss Florence Denny, and Mrs. Wanda N. Gum.

(Detach here)

REQUEST FOR APPLICATION BLANK

To the Registrar  
Southern Illinois Normal University  
Carbondale, Illinois

Name .....

Address .....

☐ I desire an application for admission to Southern Illinois Normal University.

☐ Please send information about living accommodations.

☐ Please send me an annual bulletin.

Names of others who might like to receive a Summer Session Bulletin:

Name

Address

.....	.....
.....	.....
.....	.....



**AGRICULTURE**

R. E. MUCKELROY, M.S.; ROBERT C. CASSELL, Ph.D.

120. **POULTRY.** Business methods in poultry production and marketing as related to the farm and teachers' income. Illustrative materials are given on the State Farm.
- |        |        |       |          |            |
|--------|--------|-------|----------|------------|
| Credit | Period | Days  | Room     | Instructor |
| 4 hrs. | 1      | MTWTF | 104 Main | MUCKELROY  |
210. **SOILS AND ANIMALS.** Intended especially for teachers who expect to teach agriculture in the country schools or first year of high school. The first half of the course is devoted to soils—physical and chemical properties; the second half, to the study of types of farm animals—better care and management, milk and cream testing, and the use of by-products.
- |        |   |       |            |                       |
|--------|---|-------|------------|-----------------------|
| 4 hrs. | 5 | MTWTF | 104-5 Main | MUCKELROY,<br>CASSELL |
|--------|---|-------|------------|-----------------------|
212. **ORCHARDING.** The principles of fruit growing with special reference to commercial orchards; planting, pruning, spraying, picking, packing, and marketing; soils, cover crops, fertilizers. Field trips. Prerequisite, Botany 101.
- |        |   |       |          |         |
|--------|---|-------|----------|---------|
| 4 hrs. | 2 | MTWTF | 105 Main | CASSELL |
|--------|---|-------|----------|---------|
231. **DAIRY CATTLE.** Breed history, feeding, herd testing, breeding, pedigree, and management. Prerequisite, Animal Husbandry 105 or 205.
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|--------|---|-------|----------|-----------|
| 4 hrs. | 3 | MTWTF | 104 Main | MUCKELROY |
|--------|---|-------|----------|-----------|
260. **VEGETABLE GARDENING.** A study of home and commercial gardens: locations, types of soils, fertility, seed selection, tillage, harvesting, crating, packing, and marketing. Demonstration work on the State Farm.
- |        |   |       |          |         |
|--------|---|-------|----------|---------|
| 4 hrs. | 4 | MTWTF | 105 Main | CASSELL |
|--------|---|-------|----------|---------|
326. **DISEASES OF CEREAL CROPS.** Study of the life history, identification, and control of the commercially important disease-producing organisms. Diseases of fungus, bacterial, virus, insect and physiological origin affecting the important cereals are treated according to their relative importance. Practical control is emphasized. Prerequisite, Botany 101. Agriculture 102 suggested.
- |        |   |       |          |         |
|--------|---|-------|----------|---------|
| 4 hrs. | 1 | MTWTF | 105 Main | CASSELL |
|--------|---|-------|----------|---------|
350. **FARM MANAGEMENT.** Factors in production, types of farming, organization and direction, economic use of farm machinery, balance of crops and livestock, market conditions, sectional and seasonal production.
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|--------|---|-------|----------|-----------|
| 4 hrs. | 4 | MTWTF | 104 Main | MUCKELROY |
|--------|---|-------|----------|-----------|

## ART

GLADYS P. WILLIAMS, M.A.; LULU D. ROACH, Ph.B.;  
BURNETT H. SHRYOCK, A.B.

105. FREEHAND DRAWING. An introduction to art through experimentation with different mediums, and to the fundamental principles of art. The work includes free hand brush drawing in ink, charcoal, colored chalks, freehand drawing in water colors, illustration of literature, finger painting, and murals. Students may work in their preferred medium. Prerequisite, none.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	201 Main	WILLIAMS

115. THEORY OF COLOR. A study of the theory, harmony, and application of water color in reference to the social, civic, and home life of today. Recommended to household art majors. Required of all art majors.

4 hrs.	2	MTWTF	203 Main	ROACH
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120. ART APPRECIATION. An introductory course for freshmen, organized to give an intelligent understanding of the significant development and reasons for major art expressions of the past with particular reference to existing modern art, in connection with modern activities of life in the world today.

3 hrs.	3	MTTF	203 Main	ROACH
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131. WATER COLOR. Creative manipulation of the water color medium. The class will work out of doors and in the studio. Prerequisite, none.

4 hrs.	4	MTWTF	202 Main	SHRYOCK
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250. (320). ELEMENTS OF COMPOSITION. The starting point of a year's work in composition, composed of three terms, or it may be counted as the second or third term. Pure landscape, street scenes, landscape with building or still life. Medium oil or tempera. Prerequisite, any 100 art course.

4 hrs.	2	MTWTF	201 Main	WILLIAMS
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300. (205). ART EDUCATION IN THE PUBLIC SCHOOLS. This course includes the development of an integrated curriculum of art and methods of presenting principles to children on the various age levels. Pictorial plates and various craft work will be made to illustrate the age levels. A student may work out problems related to his individual choice of grade which may be the kindergarten or any successive age level through the junior high school. Required of all art majors.

4 hrs.	5	MTWTF	203 Main	ROACH
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345. SURVEY OF TWENTIETH CENTURY ARCHITECTURE, SCULPTURE, AND PAINTING. A study of the new tendencies in design to meet the non-traditional demands of today. Prerequisites, none. Junior or senior standing is sufficient.

Credit	Period	Days	Room	Instructor
4 hrs.	5	MTWTF	202 Main	SHRYOCK

355. ELEMENTS OF COMPOSITION. A course in landscape painting or combining the figure with landscape. Prerequisite 220 or 250.

4 hrs.	1	MTWTF	202 Main	SHRYOCK
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370. (240). ART APPRECIATION. A survey of the art of today, comparing the work of significant moderns with the great masters of the past centuries. Recommended for teachers and students of related subjects. Prerequisites, none.

4 hrs.	4	MTWTF	201 Main	WILLIAMS
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### BOTANY

WILLIAM M. BAILEY, Ph.D.; W. B. WELCH, Ph.D.;  
WILLIAM MARBERRY, M.A.

101. GENERAL BOTANY. An introductory course in botany consisting of a study of the vegetative organs of the higher seed plants, their forms and structures, physiological activities, and relations to their environments. Attention is given to the identification of the common trees by their leaf and stem characters. Laboratory and field studies, and recitations.

Credit	Period	Days	Room	Instructor
5 hrs.	1-2	MTWTF	102-3 Science	WELCH
5 hrs.	3-4	MTWTF	102-3 Science	BAILEY

202. (102). GENERAL BOTANY. A brief study of representative plants of the great plant groups, the general classification of plants, and the evolution of the plant kingdom.

5 hrs.	3-4	MTWTF	102-3 Science	WELCH
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203. SYSTEMATIC BOTANY. A study of the principles of classification and the use of manuals, and work in the classification and identification of seed plants and ferns of the local flora.

5 hrs.	3-4	MTWTF		MARBERRY
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370. METHODS IN BIOLOGY. A study of objectives, different types of courses, the scientific method, the laboratory method, the project method, field studies, measurements and evaluation and other problems in the teaching of the biological sciences. Lectures, readings, and recitations.

4 hrs.	5	MTWTF		BAILEY
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## CHEMISTRY

J. W. NECKERS, Ph. D.; R. A. SCOTT, Ph. D.; T. W. ABBOTT, Ph. D.;  
K. A. VAN LENTE, Ph. D.

101. GENERAL CHEMISTRY. A survey course for those with no previous instruction in the science. A study is made of the general composition of matter, then of valence and specific substances, such as water, oxygen, hydrogen, and other non-metals.

Credit	Period	Days	Room	Instructor
4 hrs.	1	MW	210 Parkinson	SCOTT
	2	MTWTF	203	
4 hrs.	4	MTWTF	203 Parkinson	ABBOTT
	5	WF	210	

102. GENERAL CHEMISTRY. A continuation of Chemistry 101, completing a survey of the non-metals, followed by that of the metals and simple organic and biological chemistry. Prerequisite, Chemistry 101.

4 hrs.	3	TT	210 Parkinson	SCOTT
	4	MTWTF	203	

103. GENERAL CHEMISTRY. A study of theoretical chemistry and accompanying calculations. A more intensive study of some of the compounds surveyed in previous courses is also accomplished. Prerequisite, Chemistry 102 or 152.

4 hrs.	1	TT	201 Parkinson	VAN LENTE
	2	MTWTF	202	

201. QUALITATIVE ANALYSIS. A study of the method and theory of the qualitative separation and identification of the metals and their application in the laboratory. Prerequisite, Chemistry 103.

4 hrs.	3	MTWTF	202 Parkinson	NECKERS
	4	MWF	201	

302. ORGANIC CHEMISTRY. A continuation of the study of aliphatic compounds and an introduction to aromatic compounds. Prerequisite, Chemistry 301.

4 hrs.	2	MTWTF	203 Parkinson	ABBOTT
	3	TuF	204	

425. PHYSICAL CHEMISTRY. A course in physical chemistry intended to meet the needs of biology students. It includes a study of gases, liquids, solids, solutions, homogenous and heterogeneous equilibria, chemical kinetics, measurement of pH, and other phases of electrochemistry in both lecture and laboratory. Prerequisites, Chemistry 253 and 302.

5 hrs.	3	MTWTF	205 Parkinson	VAN LENTE
	4	MTWTF	202	



**COMMERCE**

T. L. BRYANT, M.A.; SUSIE E. OGDEN, M.A.; V. A. BUBOLTZ, M.A.

101. **HANDWRITING.** Special attention to legibility, ease, rapidity of execution, and methods of teaching handwriting from both the remedial and development standpoints. Both manuscript and cursive handwriting will be taught. Two hours credit on the Limited Elementary Certificate; none on the degree.

Credit	Period	Days	Room	Instructor
2 hrs.	2	MWF	309 Main	OGDEN

102. **TYPEWRITING.** Beginning typewriting, offered particularly for teachers in service who have felt the need of a knowledge of the subject. This course is also open to students who plan to complete the second and third terms during the regular year. Credit toward graduation for commerce majors and minors only.

4 hrs.	1	MTWTF	307 Main	BUBOLTZ
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105. **BEGINNING SHORTHAND.** This course is offered for those students who have had no previous training in the subject. The work is devoted to the study of the Gregg Manual. Credit toward graduation for commerce majors and minors only.

4 hrs.	5	MTWTF	307 Main	BUBOLTZ
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201. **GENERAL BUSINESS INFORMATION.** This course deals with a study of the fundamental principles of general business information which everyone should know. Some of the topics studied are banking, insurance, investments, budgeting, accounting, marketing, transportation and communication from the point of view of the consumer.

4 hrs.	5	MTWTF	309 Main	OGDEN
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205. **ACCOUNTING.** Elements of Accounting. The first part of the course is a study of the personal use and social use of budgeting and record keeping. The last part of the course is a study of accounting principles as applied to the single proprietorship form of business organization. A discussion of simple business activities which brings out the need for accounting records and reports is followed by an explanation and development of the basic principles of accounting.

4 hrs.	4	MTWTF	309 Main	OGDEN
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211. **COMMERICAL LAW.** A comprehensive training in the law pertaining to business. Governing principles of law and differences in fundamental principles of dissenting authorities are studied, leading illustrative cases are examined.

4 hrs.	3	MTWTF	309 Main	BRYANT
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307. **ADVANCED ACCOUNTING.** A second year course in accounting designed to give intensive study in theory and practice. The course deals with partnerships and ventures, corporations, investments, stocks and bonds, depreciation, reserves, surplus, dividends, corporation obligations, balance sheets, profit and loss statement analysis for credit purposes and statement analysis for investment purposes.

Credit	Period	Days	Room	Instructor
4 hrs.	1	MTWTF	309 Main	BRYANT

315. **METHODS IN TYPEWRITING.** A course designed to cover the latest methods in the teaching of typewriting, open to in-service and pre-service commerce teachers. Prerequisite, one year of instruction in typewriting. 2 hours credit. 318. **METHODS IN SHORTHAND.** The latest methods in the teaching of Gregg Shorthand. Open to in-service and pre-service commercial teachers, who have had at least one year of instruction in Gregg Shorthand. 2 hours credit.

4 hrs.	3	MTWTF	307 Main	BUBOLTZ
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341. **OFFICE MACHINES AND OFFICE PROCEDURE.** This course deals with a study of the use, care, and operation of many of the most important office machines, including the mimeograph, dictaphone, bookkeeping machines, comptometers, calculating machines, filing, and office equipment.

4 hrs.	4	MTWTF	308 Main	BRYANT
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### ECONOMICS

HARRY G. BRAINARD, Ph. D.; MELVIN J. SEGAL, Ph. D.

205. **PRINCIPLES OF ECONOMICS.** The principles which underlie the production, exchange, and distribution of wealth.

Credit	Period	Days	Room	Instructor
5 hrs.	1	MTWTF	101 Main	BRAINARD
	3	W		
5 hrs.	2	MTWTF	101 Main	BRAINARD
	4	Tu		

206. **ECONOMIC PROBLEMS.** A continuation of Economics 205, which emphasizes such economic problems as foreign trade, tariff policy, taxation, labor movements, and railroad regulations. This course is recommended for students interested in present day economic problems. Prerequisite, Economics 205.

3 hrs.	3	MTTF	101 Main	SEGAL
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328. **INTERNATIONAL TRADE.** (Geography 328). Present day problems of international economic relations are treated against a background of history, economic theory, and factual information about the world's population, its resources, and its industries. Emphasis is given to the position of the United States in the world economy. Prerequisites, Economics 205 and 206.

3 hrs.	4	MWTF	101 Main	SEGAL
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370. BUSINESS CYCLES. In this course an economic analysis is made of the major business fluctuations in the United States, including an examination of the price changes, inflation, deflation, and governmental action during the cycles. Prerequisites, Economics 205 and 206.

Credit	Period	Days	Room	Instructor
3 hrs.	2	MTWTF	102 Main	SEGAL

### EDUCATION

F. G. WARREN, M.A.; W. A. THALMAN, Ph.D.; TED R. RAGSDALE, M.A.; LOUIS W. GELLERMANN, Ph.D.; DOUGLAS E. LAWSON, Ph.D.; HOWARD E. BOSLEY, M.A.; SINA M. MOTT, Ph.D.; ROCKWELL MCCREIGHT, M.A.; W. G. CISNE, M.A.; GEORGE BRACEWELL, M.A.; EMERSON HALL, Ph.D.; HELEN STENSEN, M.A.

206. GENERAL PSYCHOLOGY. An introductory course for students of the four-year curriculum, consisting of a study of the fundamental facts and principles of human behavior. Text: Woodworth's Psychology, or its equivalent.

Credit	Period	Days	Room	Instructor
4 hrs.	1	MTWTF		GELLERMANN
4 hrs.	4	MTWTF		BOSLEY
4 hrs.	5	MTWTF		WARREN

215. PRINCIPLES OF EDUCATION. A brief study of the fundamental principles of education, and their application in the interpretation and criticism of current and proposed educational theory and practice. A detailed study of the various processes of teaching and learning involved in elementary education. Text: Thomas's The Principles and Technique of Teaching, or its equivalent. Prerequisite, Education 206.

4 hrs.	2	MTWTF	LAWSON
4 hrs.	3	MTWTF	RAGSDALE

305. ADVANCED EDUCATIONAL PSYCHOLOGY. A description of the bodily organs and mechanisms upon which behavior depends; a discussion of instinctive activities and capacities; a formulation of the general laws of learning, and their applications to teaching; a study of individual differences. Text: Gates' Psychology for Students of Education, or its equivalent. Prerequisite, Education 206.

4 hrs.	2	MTWTF	WARREN
4 hrs.	3	MTWTF	LAWSON
4 hrs.	5	MTWTF	LAWSON

310. PRINCIPLES OF SECONDARY EDUCATION. A study of such topics as adolescence; the history and aims of secondary education; high school courses of study; high school equipment; and the problems of organizations, management, and discipline peculiar to the high school. Text: Draper and Robert's Principles of American Secondary Education, or its equivalent. Prerequisite, Education 305.

4 hrs.	1	MTWTF	THALMAN
4 hrs.	4	MTWTF	THALMAN

311. THE WORK OF THE ELEMENTARY TEACHER. A consideration of the persistent problems of the elementary school. Discussions will be centered around the professional and community relationships of the teacher, an analysis of teaching materials, and present day trends in curriculum procedures.

Credit	Period	Days	Room	Instructor
4 hrs.	4	MTWTF		BRACEWELL

312. SAFETY EDUCATION. This course gives a preparation for teaching safety education in the public schools. Traffic safety is given major consideration but other phases of safety education are treated. A demonstration automobile is used in teaching learners to drive.

4 hrs.	5	MTWTF		McCREIGHT
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315. HIGH SCHOOL METHOD. A detailed study of the various processes of learning and teaching involved in high school education. Text: Burton's The Nature and Direction of Learning, or its equivalent. Prerequisite, Education 305.

4 hrs.	3	MTWTF		WARREN
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316. KINDERGARTEN-PRIMARY METHODS AND CURRICULUM. This course is designed to aid the teacher in the placement of subject matter according to age levels and environmental experiences and in integrating this material around the child's experiences. The students will have the opportunity of planning a unit of experience and in helping a school group develop such a unit.

5 hrs.	1	MTWTF		MOTT
	3	W		

321. (220). ELEMENTARY SCHOOL MEASUREMENTS. A course including a study of both intelligence tests and educational tests, involving the classroom use of the important test materials for elementary school pupils. Text: Webb and Shotwell's Standard Tests in the Elementary School, or its equivalent. Prerequisite, Education 206.

4 hrs.	2	MTWTF		THALMAN
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325. SCHOOL ADMINISTRATION. A course designed primarily for those who look forward to positions as supervisors, principals, or superintendents. Text: Bolton, Cole, and Jessup's The Beginning Superintendent.

4 hrs.	1	MTWTF		CISNE
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326. PRINCIPLES OF SUPERVISION. A course which attempts to show the function of the principal or supervisor in the improvement of instruction. It presents as practically as possible some important activities, methods and devices for improving the effectiveness of teaching. The course is planned for those who hold or expect to hold positions as principals and supervisors, who wish to familiarize themselves with accepted principles of supervision now in use in elementary and secondary schools. In addition, some attention will be given to the philosophy,



aims, and functions of American education, and to techniques of supervising some of the fundamental subject matter fields. Prerequisites, at least three courses in Education, and teaching experience.

Credit	Period	Days	Room	Instructor
4 hrs.	5	MTWTF		BOSLEY

335. PROBLEMS IN RURAL EDUCATION. An advanced course dealing with practical problems in rural education. Discussions will be centered around persistent problems of rural teachers in Southern Illinois. A plan of action for betterment of programs in rural schools will be considered in the treatment of each of the following topics: organization and management; curriculum adjustment to meet local conditions; selection and use of materials and equipment; intra-school, home, and community relationships; evaluating pupil progress; the teacher's responsibility with reference to her own growth and work. Text: Gustin and Hayes' *Activities in the Public School*. Prerequisites, at least one course in psychology, at least one course in education, and teaching experience.

4 hrs.	1	MTWTF	
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337. READING IN THE ELEMENTARY SCHOOL. In this course emphasis is placed on the principles of reading instruction, on the factors that condition reading, such as experience, individual ability, skills leading to better reading, together with grade placement of aims and materials. Attention will be given to approved techniques of approach, and to diagnostic and remedial treatment. Problem cases in reading will be studied. A definite attempt will be made to bring to the class, methods developed by recent research and practice. Text: McKee's *Reading and Literature in the Elementary School*. Prerequisites, Psychology 206 and 305; and Education 215 or 315.

4 hrs.	2	MTWTF	RAGSDALE
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339. THE SCHOOL AND THE COMMUNITY. A consideration of the place of the school in the community, the implications of out-of-school agencies, and educational needs growing out of the environment. Surveys of educational resources in the community will be carried out and an effective use of these resources in developing a school curriculum will be discussed. Open to juniors and to others by permission of instructor.

4 hrs.	1	MTWTF	HALL
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340. CHILD PSYCHOLOGY. An advanced course dealing with the original nature, activities, development, and personality of normal and abnormal children through adolescence. Critical evaluations of methods, theories, and interpretations. Text: Morgan's *Child Psychology*, or its equivalent. Prerequisite, Education 305.

4 hrs.	4	MTWTF	GELLERMANN
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350. MENTAL HYGIENE. An advanced course dealing with the mental habits, attitudes, and ideals which prevent and promote healthy-mindedness. Emphasis is given to practical procedures for administrators and teachers in dealing with the emotional and personality problems of school children in relation to their educational adjustment and progress. Texts: Groves and Blanchard's Introduction to Mental Hygiene, and Groves and Blanchard's Readings in Mental Hygiene. Prerequisite, Education 305.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF		GELLERMANN

390. WORKSHOP IN RURAL EDUCATION. To provide opportunity for a limited number of rural teachers and supervisors to work on group and individual problems as related to the rural school in meeting child and community needs. The work will include class discussion of general problems, individual and group conferences, observation in a rural demonstration school, excursions, and participation in other activities with the guidance of specialists in these fields. Special consideration will be given to ways of utilizing environmental resources in providing for child growth and development. Arrangements for enrollment should be made by May 1. This will be a full-time course for four weeks, June 10 to July 6.

8 hrs.	1-5	MTWTF	STENSON
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400. SEMINAR IN EDUCATIONAL PHILOSOPHY. Requirements for this course will be attendance at all five sessions of the Summer Conference and familiarity with the syllabus. See page 7. A final examination will be given. Students expecting to enroll in this course will find it advantageous to obtain syllabus from the Registrar in advance. To be offered June 18, 19, 20.

1 hr.	TWT	DR. KILPATRICK and others
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401. PROBLEMS IN PUBLIC SCHOOL READING. To be offered the third week of the summer session. See page 9. Requirements: Attendance at all sessions of the reading conference, and preparation of a paper showing practical applications of theory to the student's own teaching situation. To be offered June 24-28.

2 hrs.	MTWTF	STAFF
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### ENGLISH

FRANCES BARBOUR, A.M.; JULIA NEELY, A.M.; MARY CRAWFORD, A.M.;  
CHARLES D. TENNEY, Ph.D.; WILLIAM B. SCHNEIDER, Ph.D.;  
JULIA M. BARBER, A.M.; J. W. HARRIS, Ph.D.

- 102, 103. THEORY AND PRACTICE OF THE TYPES OF COMPOSITION. Conferences over all written work.

Credit	Period	Days	Room	Instructor
(102) 2 hrs.	4	MWF	Main	BARBOUR
(103) 2 hrs.	3	MTuF	Main	BARBOUR



205. MASTERPIECES OF ENGLISH AND AMERICAN POETRY. An examination of the masterpieces of English and American poetry with emphasis on technique, type, and period.  
 Credit      Period      Days      Room      Instructor  
 3 hrs.      5      TWTF      Main      NEELY
209. MASTERPIECES OF WORLD LITERATURE. An examination of masterpieces of various literatures in various periods.  
 3 hrs.      1      MTWT      Main      NEELY
211. INTRODUCTORY COURSE IN FICTION. An examination of readable novels, designed to acquaint the student with all aspects of artistic excellence in this literary form.  
 3 hrs.      4      MWTF      Main      CRAWFORD
212. READINGS IN MODERN LITERATURE. Designed to acquaint the student with the principal forms, ideas, and writers of contemporary America and England, with occasional excursions into the literature of other countries also. This course is not to be taken if the student has had 104.  
 3 hrs.      2      MTWF      Main      TENNEY
214. SOPHOMORE RHETORIC. A review of English grammar and composition for rural and elementary schools. Open only to students applying for the Limited Elementary Certificate.  
 3 hrs.      3      MTTF      Main      HARRIS
217. ENGLISH GRAMMAR FOR TEACHERS. A review of elementary school grammar.  
 3 hrs.      1      MTWT      Main      SCHNEIDER
300. COMPOSITION FOR HIGH SCHOOL TEACHERS. Study of the problems of composition in the senior high schools.  
 3 hrs.      1      MTWT      Main      HARRIS
302. ENGLISH LITERATURE FROM THE BEGINNING TO 1400. A study of the important writings of the first eight hundred years of England's literary history. Required of all majors.  
 3 hrs.      2      MTWF      Main      SCHNEIDER
305. AMERICAN POETRY. A study of the chief trends in American poetry and of the works of individual authors. Recommended for non-English majors.  
 4 hrs.      3      MTWTF      Main      CRAWFORD
316. A SURVEY OF ENGLISH LITERATURE. Required of English majors at the beginning of the major. Students who have had 201 are exempt.  
 3 hrs.      3      MTTF      Anthony Hall      BARBER
317. A SURVEY OF ENGLISH LITERATURE (continued). Required of English majors at the beginning of the major. Students who have had 202 are exempt. Prerequisite, English 316.  
 3 hrs.      5      TWTF      Main      SCHNEIDER

320. ENGLISH ROMANTIC POETRY, 1780 to 1830. A survey of Romantic poetry, with emphasis on the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats.

Credit	Period	Days	Room	Instructor
4 hrs.	2	MTWTF	Main	CRAWFORD

354. DEVELOPMENT OF THE ENGLISH NOVEL. A study of representative novels from Defoe through Scott.

Credit	Period	Days	Room	Instructor
4 hrs.	5	MTWTF	Anthony Hall	BARBER

366. SHAKESPEARE. Plays for intensive classroom study and for outside reading will be selected from this list: Richard III, Much Ado About Nothing, Twelfth Night, As You Like It, Othello, King Lear, The Tempest. Recommended for non-English majors.

Credit	Period	Days	Room	Instructor
4 hrs.	4	MTWTF	Main	NEELY

385. A study of recent trends in the teaching of literature in the junior and senior high schools.

Credit	Period	Days	Room	Instructor
3 hrs.	2	MTWF	Main	HARRIS

390. ADVANCED RHETORIC. A course required of students who wish to teach and who have not had nine quarter hours of rhetoric.

Credit	Period	Days	Room	Instructor
3 hrs.	4	MWTF	Main	TENNEY

### Philosophy

345. PHILOSOPHY OF ART. A survey of present-day theories of aesthetics, together with discussion of recent examples of music, painting, and literature in terms of the theories behind them.

Credit	Period	Days	Room	Instructor
2 or 3 hrs.	5	TWTF	Main	TENNEY

### Speech

DOROTHY B. MAGNUS, M.A.

210. FUNDAMENTALS OF SPEECH. A service course for the improvement of the individual student's speech habits, designed to meet his particular speech needs and abilities, based on the results of diagnostic tests. Open to junior college students. Recommended for rural and two-year course, as well as for English majors. This course is accepted for credit on both a major and a minor in English.

Credit	Period	Days	Room	Instructor
3 hrs.	5	MTTF	Old Science	MAGNUS

220. PUBLIC DISCUSSION AND DEBATE. A course for debaters or students especially interested in public discussion. Current practices in argumentation and discussion are studied. Largely a laboratory course. Prerequisite, 210 or equivalent.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	Old Science	MAGNUS

336. CREATIVE DRAMATICS FOR CHILDREN. This course aims to offer prospective teachers as well as teachers in service a knowledge of techniques and devices for using dramatic materials with children in a way that will stimulate the greatest creative activity. (Speech 230 or Speech 328 is recommended as a prerequisite.)

Credit	Period	Days	Room	Instructor
3 hrs.	4	MWTF	Old Science	MAGNUS

## FOREIGN LANGUAGE

VERA LOUISE PEACOCK, Ph.D.; J. CARY DAVIS, Ph.D.; WILLIAM P. DALLMANN, Ph.D.; EVELYN RIEKE, A.M.; EDITH KRAPPE, A.M.

To major in a language a student must complete 36 hours in that language exclusive of 101, 102, 103. At least one senior college English and one senior college history course should be included in the language major.

A minor consists of 24 hours of the language exclusive of 101, 102, 103.

### French

- 101 and 102. ELEMENTARY COURSE. Grammar, pronunciation, composition, conversation, reading of modern prose. A special combination of the first two terms of beginning French will be given the first and fourth hours. Students must elect both terms.

Credit	Period	Days	Room	Instructor
3 hrs.	1	MTWT	S. Audit.	KRAPPE
3 hrs.	4	MWTF	S. Audit.	KRAPPE

103. ELEMENTARY COURSE. Third Term. Prerequisite, French 102.  
3 hrs. 2 MTWF S. Audit. KRAPPE

151. SECOND-YEAR COMPOSITION AND READING. Prerequisite, French 103 or two years of high school French.  
3 hrs. 5 TWTF N. Audit. PEACOCK

303. MODERN FRENCH POETRY. Study of late nineteenth century and contemporary poetry. Prerequisite, French 203.  
3 hrs. 3 MTTF N. Audit. PEACOCK

352. FRENCH CONVERSATION AND PHONETICS. A thorough study of the phonetic alphabet and of the formation of French sounds. Course conducted in French. Prerequisite, French 203.  
5 hrs. 2 MTWTF N. Audit. PEACOCK  
4 Tu N. Audit.



### German

- 101 and 102. **ELEMENTARY COURSE.** Grammar, pronunciation, composition, conversation, reading of modern prose. A special combination of the first two terms of beginning German will be given first and fourth hours. Students must elect both terms.

Credit	Period	Days	Room	Instructor
3 hrs.	1	MTWT	Main 210	DALLMANN
3 hrs.	4	MWTF	Main 210	DALLMANN

103. **ELEMENTARY GERMAN.** Third Term. Prerequisite, German 102.

3 hrs.	2	MTWF	Main 210	DALLMANN
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### Latin

126. **OID'S METAMORPHOSES, OR ADVANCED CAESAR.** Reading course, supplementary to high school work. Prerequisite, Latin 106 or two years of high school Latin.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	S. Audit.	RIEKE

341. **METHOD LATIN.** A training course for teachers. Critical survey of texts and methods. Prerequisite, 2 years of college Latin.

4 hrs.	5	MTWTF	S. Audit.	RIEKE
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### Spanish

- 101 and 102. **ELEMENTARY COURSE.** Grammar, pronunciation, composition, conversation, reading of modern prose. A special combination of the first two terms of beginning Spanish will be given the first and fourth hours. Students must elect both terms.

Credit	Period	Days	Room	Instructor
3 hrs.	1	MTWT	N. Audit.	DAVIS
3 hrs.	4	MWTF	N. Audit.	DAVIS

103. **ELEMENTARY SPANISH.** Third Term. Prerequisite, Spanish 102.

3 hrs.	3	MTTF	Main 210	DAVIS
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### GEOGRAPHY

THOMAS FRANK BARTON, Ph.D.; FLEMIN W. COX, A.M. ANNEMARIE E. KRAUSE, M.S.

100. **GEOGRAPHIC FUNDAMENTALS.** Prerequisite to all other geography courses. The orderly arrangement of the earth is described and interpreted by climatic regions. The primary physical features; namely, weather and climate, landforms, soil, water bodies, minerals, and native animal and plant life are treated as to world distribution, influence upon each other and upon man. Two additional hours a week are spent in the laboratory. One Saturday field trip is required.

Credit	Period	Days	Room	Instructor
5 hrs.	4	MTWTF	Main 207	Cox

101. (205) **PHYSICAL GEOGRAPHY.** This course, a sequel to Geography 100, is required of all geography minors and majors and should be taken by those who are planning to take geology or teach geography. The primary physical features such as landforms, soil, water bodies, minerals, and native and plant life are described, interpreted, and treated regionally as to world distribution and as to influence upon each other and upon the four geographical cultural features. One field trip is required.
- | Credit | Period | Days  | Room     | Instructor |
|--------|--------|-------|----------|------------|
| 5 hrs. | 3      | MTWTF | Main 214 | KRAUSE     |
|        | 5      | M     | Main 214 |            |
210. **ECONOMIC GEOGRAPHY.** An introduction to Economic Geography. Geographic conditions affecting industries, production, and world trade. Text: Economic Geography by Whitbeck and Finch.
- |        |   |       |          |        |
|--------|---|-------|----------|--------|
| 4 hrs. | 1 | MTWTF | Main 207 | KRAUSE |
|--------|---|-------|----------|--------|
314. **GEOGRAPHY OF NORTH AMERICA.** In this course considerable emphasis is given to the methods of presenting the subject in the grades. This continent is taught in Illinois in the sixth grade and other continents in the seventh and eighth. An economic and regional study of North America in which the physical and cultural environments are described and interpreted. Emphasis is placed upon features, patterns, associations, and functions.
- |        |   |       |          |        |
|--------|---|-------|----------|--------|
| 3 hrs. | 4 | MTWTF | Main 215 | KRAUSE |
|--------|---|-------|----------|--------|
318. **GEOGRAPHY OF ASIA.** Life conditions and economic development as influenced by location, climate, relief, size, shape, and other natural conditions.
- |        |   |      |          |     |
|--------|---|------|----------|-----|
| 3 hrs. | 2 | MTWF | Main 214 | Cox |
|--------|---|------|----------|-----|
320. **GEOGRAPHY OF AFRICA.** Life conditions as influenced by location, relief, climate, soils, and minerals. Vast mineral resources and rapid development of South Africa. Almost complete domination of European countries in Africa.
- |        |   |      |          |     |
|--------|---|------|----------|-----|
| 3 hrs. | 1 | MTWT | Main 214 | Cox |
|--------|---|------|----------|-----|
324. (325) **RESTORATION AND CONSERVATION OF NATURAL RESOURCES.** A survey of the major resources of the United States, and the problems of their conservation and restoration, especially water, minerals, forest, grass, soil, and wild life resources. State and natural resources planning board reports will be used to vitalize the course.
- |        |   |       |          |        |
|--------|---|-------|----------|--------|
| 4 hrs. | 2 | MTWTF | Main 215 | BARTON |
|--------|---|-------|----------|--------|
340. **GEOGRAPHY FOR KINDERGARTEN AND PRIMARY TEACHERS.** Designed to provide the teacher with a rich supply of material to enliven and make interesting the geography work in the kindergarten and primary levels; and to give the student practice in putting into simple language description and interpretation

of the physical phenomena which will stimulate interest in the nature and activities of man. Prerequisites, Geography 100 and 101.

Credit	Period	Days	Room	Instructor
3 hrs.	5	TWTF	207 Main	BARTON

345. EUROPEAN GEOGRAPHY AND POLITICS. (Political Science 345)  
An integrated study is made of the major political and geographical structure of Europe and its relation to the political affairs of the United States. Emphasis is placed on interdependence and on relation between natural resources and present political policies.

3 hrs.	3	MTTF	215 Main	BARTON
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### HISTORY

RICHARD L. BEYER, Ph.D.; E. G. LENTZ, A.M.; SARA S. BAKER, A.M.  
CHARLES J. PARDEE, A.M.; JOHN I. WRIGHT, A.M.; SHERMAN B. BARNES, Ph.D.

- 105A. MODERN EUROPE. Ordinarily this course is given as a survey of European history from the Renaissance to the present. This summer, for the benefit of those who wish better understanding of the developments in contemporary Europe, emphasis will be given recent trends in the Old World. Required of all history majors.

Credit	Period	Days	Room	Instructor
5 hrs.	2	MTWTF	209 Main	BEYER
	4	Tu		
5 hrs.	3	MTWTF	209 Main	PARDEE
	5	M		

- 110A. AMERICAN HISTORY. A survey of American history from the Revolutionary War to 1940. Required of all history majors and of those who are taking the course leading to the Limited Elementary Certificate.

5 hrs.	4	MTWTF	206 Main	BAKER
	1	F		
5 hrs.	5	MTWTF	209 Main	WRIGHT
	2	Th		

208. (205) HISTORY OF ILLINOIS. A study of the history of this State from 1818 to the present. Especially recommended for those who plan to teach in the elementary schools.

5 hrs.	1	MTWTF	206 Main	WRIGHT
	3	W		

304. ANCIENT CIVILIZATION. This is the first course in a series of three in Ancient History. Emphasis is placed on the Ancient Near East. Each course in the series is a unit in itself.

3 hrs.	4	MWTF	209 Main	PARDEE
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310. **THE MIDDLE AGES.** An examination of Europe from the end of the Ancient World to approximately 1300. Particular attention is accorded the intellectual and religious life of Medieval Europe.

Credit	Period	Days	Room	Instructor
5 hrs.	4	MTWTF	107 Main	BARNES
	1	F		

315. **RENAISSANCE AND REFORMATION.** A course that deals with the revival of learning in the fourteenth, fifteenth, and sixteenth centuries, and with the Protestant Revolt and Counter Reformation.

3 hrs.	5	TWTF	206 Main	BEYER
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320. **THE FRENCH REVOLUTION.** A study of European history from the end of the Old Regime to the Congress of Vienna.

4 hrs.	2	MTWTF	107 Main	LENTZ
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330. **MIDDLE PERIOD OF AMERICAN HISTORY, 1815-60.** This course deals with American life from the close of the War of 1812 down to the Civil War.

3 hrs.	2	MTWF	206 Main	BAKER
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343. **HISTORY OF THE WEST.** The second of a series of two courses dealing with the history of the American Frontier. This course is a unit in itself and may be taken by students who have not had History 342.

3 hrs.	3	MTTF	206 Main	BEYER
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344. **EUROPEAN HISTORY, 1815-1870.** A course that covers the period from the collapse of the First French Empire down to the unification of Italy and Germany.

3 hrs.	5	TWTF	107 Main	BAKER
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345. **EUROPEAN HISTORY, 1870-1914.** In this course a study is made of the important political, economic, and social developments in Europe in the era before the First World War.

3 hrs.	1	MTWT	209 Main	PARDEE
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352. **LATIN-AMERICAN HISTORY (I).** A survey is made of the history of Latin America from the Age of Discovery down to the wars for independence.

3 hrs.	3	MTTF	107 Main	BARNES
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353. **LATIN-AMERICAN HISTORY (II).** Because of the increased interest in the history of South America and Mexico at the present time, the Department of History is adding a second course in this subject. This course, given for the first time this summer, covers the history of the last century in Latin America. Students who had History 352 before this summer should not enroll for this course, inasmuch as it duplicates in part the old History 352 course.

3 hrs.	1	MTWT	107 Main	BARNES
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## HOUSEHOLD ARTS

LUCY K. WOODY, M.A.; MARY LOUISE BARNES, M.S.

127. CLOTHING. Underclothing and dresses in washable materials. Elaboration of plain commercial patterns. May be taken for 3 or 4 hours.

Credit	Period	Days	Room	Instructor
3 or 4	4-5	MTWTF	111 Main	WOODY

206. FOODS AND COOKERY. Lectures, discussions, and laboratory work dealing with the production, marketing, nutritive value and cookery of the protein-rich foods, leavening agents, and flour mixtures.

4 hrs.	1	TT	110 Main	BARNES
	2	MTWTF		

224. HOUSING AND FURNISHINGS. This course includes the planning and building of the home and the choice of its basic furnishings chiefly from the standpoint of cost, comfort, and service.

5 hrs.	2	MTWTF	111 Main	WOODY
	4	Tu	111 Main	

225. SURVEY COURSE. This course was organized especially to give to those students majoring in Elementary Education information in the Home Economics field around which to build an activity program. It includes units in nutrition, school lunches, textiles, clothing, social and family relationships.

4 hrs.	3	MTWTF	112 Main	BARNES
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335. MEAL PLANNING AND TABLE SERVICE. Lectures include the manufacture, selection, and care of table linens, china, silverware, glassware, and table decorations. Laboratory work in meal planning and preparation, and informal and formal table service.

4 hrs.	4	MTWTF	110 Main	BARNES
	5	TWF		

## INDUSTRIAL ARTS

LOUIS C. PETERSEN, B.S.; J. HENRY SCHROEDER, M.S.

Courses in Industrial Arts are offered in the Summer Term for teachers in service, prospective teachers of Industrial Arts and prospective engineers.

101. MECHANICAL DRAWING. A course on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, and working drawings.

Credit	Period	Days	Room	Instructor
4 hrs.	1-2	MTWTF	112 Parkinson	PETERSEN

203. (201). ARTS-CRAFTS. Training in doing such types of occupational handwork as are teachable in the ordinary classroom. The purpose of this course is to suggest means of enlivening other school subjects. Lettering, paper-cutting, booklet-making, braiding, weaving, basketry, wood-toy-making, and marionette construction.

Credit	Period	Days	Room	Instructor
3 hrs.	3	MTTF	112 Parkinson	SCHROEDER

211. BENCH WOODWORK. A course for beginners in Industrial Arts. It includes the care and use of tools, use of power-driven machines, study of principles of construction, and practice in making simple articles of furniture that involves typical joints and standard methods of fitting, assembling, and finishing.

4 hrs.	1-2	MTWTF	110 Parkinson	SCHROEDER
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212. CARPENTRY AND WOODTURNING. Practice in the tool processes used by skilled woodturners, care of power-driven machines and tools, working out designs in wood as applied in furniture construction and pattern making. Prerequisite, Industrial Arts 101.

4 hrs.	1-2	MTWTF	110 Parkinson	SCHROEDER
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221. ART METAL WORK. A course for beginners in metal work. It includes the study of properties of various metals, and practice in making such metal articles as embody typical shop operations required in shaping metal. The work involves processes in forming curves, stretching, raising, punching, drilling, riveting, sawing, filing, annealing, hardening, tempering, soldering, etching, and coloring metals.

4 hrs.	3-4	MTWTF	110 Parkinson	PETERSEN
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304. (204). ADVANCED ARCHITECTURAL DRAWING. Study of "Styles" of Architecture. Design of dwelling house. Study of perspective, shades and shadows, rendering, specifications, grades of building materials and cost. Prerequisite, Industrial Arts 102.

4 hrs.	1-2	MTWTF	112 Parkinson	PETERSEN
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314. PATTERN MAKING. A course for advanced students of Industrial Arts and of engineering. It includes practice in making such patterns as embody draft, shrinkage, finish, core prints, core boxes and core making, foundry practice, and metal casting.

4 hrs.	3-4	MTWTF	110 Parkinson	PETERSEN
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# MATHEMATICS

JOHN R. MAYOR, Ph.D.; ALICE KELSEY WRIGHT, A.M.;  
J. R. PURDY, Ph.D.

106. GENERAL MATHEMATICS I. Algebra with emphasis on applications to problems of business. Graphs, systems of equations, quadratic equations, simple interest and discount. Prerequisite, high school algebra (one year).

Credit	Period	Days	Room	Instructor
4 hrs.	1	MTWTF	314 Main	WRIGHT
4 hrs.	4	MTWTF	314 Main	WRIGHT
4 hrs.	3	MTWTF	314 Main	PURDY

107. GENERAL MATHEMATICS II. Continuation of General Mathematics I. Introduction to mathematics of annuities, permutations and combinations, binomial theorem, probability, some statistical topics. Prerequisite, Mathematics 106 or 111.

4 hrs.	5	MTWTF	311 Main	PURDY
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113. ELEMENTARY MATHEMATICAL ANALYSIS III. A study of the straight line, circle, conic sections, curves in polar coordinates and transformations. Prerequisite, Mathematics 112.

5 hrs.	4	MTWTF	311 Main	MAYOR
	1	F		

210. MATHEMATICS FOR TEACHERS. A professional treatment of the subject matter of arithmetic. Number concepts, historical developments of some topics of arithmetic, methods in arithmetic, arithmetic recreations. This course is planned primarily for elementary school teachers of mathematics.

4 hrs.	2	MTWTF	314 Main	MAYOR
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251. CALCULUS I. The elements of both differential and integral calculus with applications to geometry, physics, and other sciences. Prerequisite, Mathematics 113.

4 hrs.	3	MTWTF	311 Main	WRIGHT
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307. ELEMENTARY MATHEMATICAL STATISTICS. An introduction to statistical analysis including the minimum essentials; frequency distributions, measures of central tendency, measurement of dispersion, linear trends, simple correlation, curve-fitting, index numbers. Prerequisite, two terms of college mathematics.

3 hrs.	1	MTWT	311 Main	MAYOR
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360. COLLEGE GEOMETRY. A continuation and expansion of the topics of plane geometry such as locus, triangle, poles and polars, proportion, inversion. Prerequisite, twelve hours of college mathematics.

4 hrs.	2	MTWTF	311 Main	PURDY
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**MUSIC**

DAVID S. MCINTOSH, M.A.; WENDELL MARGRAVE, M.A.; EMERSON S. VAN CLEAVE, M.S. in Ed.; FLOYD V. WAKELAND, M.Mus.

100. THE ART OF ENJOYING MUSIC. A fundamental course in appreciation which should supply every potential music lover with a practical system of approach, having enough flexibility to allow for the unhampered development of personal tastes and preferences.

Credit	Period	Days	Room	Instructor
3 hrs.	5	TWTF	Audit.	MCINTOSH

105. SIGHT SINGING, EAR TRAINING, AND THEORY. This course is offered to those students who have not had elementary training in music. It consists mainly of sight-reading simple songs and exercises, but also includes drill in pitch, rhythm, and theory. No credit on major.

4 hrs.	3	MTWTF	Audit.	WAKELAND
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106. SIGHT SINGING AND EAR TRAINING. Designed for those students who have had Music 105 or its equivalent. Special emphasis on three and four part sight singing. Students are also expected to master the technique of writing melodies from hearing them sung or played.

4 hrs.	4	MTWTF	Science	MARGRAVE
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220. RURAL SCHOOL MUSIC. Students planning to teach in rural schools and teachers of rural schools may take this course. Materials and problems will be studied, keeping in mind the limited time available and crowded quarters of the rural school. This course will also include elementary music theory.

4 hrs.	3	MTWTF	Audit.	VAN CLEAVE
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225. HARMONY. The work covers the formation of major and minor scales, a thorough study of intervals, the common chord, and harmonic progressions. Prerequisite, Music 106 or equivalent.

4 hrs.	5	MTWTF	Audit.	VAN CLEAVE
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305. JUNIOR HIGH AND SENIOR HIGH SCHOOL MUSIC MATERIALS. The problems of vocal music relating to the Junior High School and Senior High School are studied.

4 hrs.	3	MTWTF	Audit.	MCINTOSH
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312. MUSICAL FORM AND HARMONIC ANALYSIS. Analysis of compositions is made the basis of the study and classification of the various types of musical form, including the sonata form. Prerequisite, Music 230.

4 hrs.	5	MTWTF	Science	MARGRAVE
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350. VIOLIN. Class lessons. Combines Music 150, 151, and 152.

3 hrs.	4	MWTF	Audit.	VAN CLEAVE
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360. WIND AND PERCUSSION. Class lessons. Combines Music 160, 161, and 162.

Credit	Period	Days	Room	Instructor
3 hrs.	1	MTWT	Science	MARGRAVE

390. VOICE. Class lessons. Combines Music 190, 191, and 192.

3 hrs.	2	MTWF	Science	WAKELAND
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440. THE STUDY OF SOUTHERN ILLINOIS FOLK MUSIC. Its relation-ship to the folk music of the world.

3 hrs.	4	MWTF	Auditorium	McINTOSH
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There will be a summer school orchestra which will meet for rehearsal the second hour on Monday, Tuesday, and Thursday. Scholarships are available for a limited number of students. See Mr. McIntosh for a tryout.

There will also be a summer school chorus which will meet on Tuesday and Thursday evenings at seven o'clock in the Auditorium. Mr. Floyd Wakeland will have charge of this chorus.

Those students desiring to study voice privately with Mr. Wakeland may do so and will receive credit for the work. The fee will be eight dollars for the term for one lesson each week. Arrangements for lessons should be made with Mr. Wakeland.

### PHYSICAL EDUCATION FOR MEN

WILLIAM McANDREW, A.B., LL.B.; LELAND P. LINGLE, M.A.; VINCENT G. DIGIOVANNA, M.A.; GLENN MARTIN, M.A.

Six hours of physical education activity credit are required of all students.

145. PHYSICAL EDUCATION. The equivalent of 151, 152, 153. Baseball, track, tennis.

Credit	Period	Days	Room	Instructor
2 hrs.	1	MTWTF	Gymnasium	MARTIN
2 hrs.	2	MTWTF	Gymnasium	MARTIN
2 hrs.	3	MTWTF	Gymnasium	LINGLE
2 hrs.	4	MTWTF	Gymnasium	DIGIOVANNA

203. GYMNASIUM ACTIVITIES I. This course aims principally to develop individual technique in the activities listed. The materials covered are as follows: first, the practice of single line marching maneuvers; second, the practice of calisthenics; third, the practice of simple stunts and self-testing activities on the more popular pieces of heavy apparatus and the tumbling mats.

4 hrs.	1-2	MTWTF	Gymnasium	DIGIOVANNA
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210. TECHNIQUES OF BASKETBALL. A practical course in basketball for freshmen and sophomores. The basic fundamentals of the game for techniques and skills are studied and practiced. Text: Better Basketball, by Allen.

2 hrs.	5	TWTF	Gymnasium	McANDREW
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## 256. TRACK AND FIELD COACHING.

Credit	Period	Days	Room	Instructor
4 hrs.	1-2	MTWTF	Gymnasium	LINGLE

259. SIX MAN FOOTBALL. A course designed to meet the needs of students who wish to prepare to teach the game. It will include a study of the offenses and defenses pointing out the strength and weakness of each. A study is made of individual play along with team strategy. Lecture and recitation.

3 hrs.	3	MTTF	Gymnasium	MARTIN
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302. MATERIALS AND METHODS FOR TEACHING PHYSICAL EDUCATION ACTIVITIES IN JUNIOR AND SENIOR HIGH SCHOOLS. A study, demonstration, and practice of the "total-body" activities adapted to the age needs, interests, and capacities of junior and senior high school boys. Emphasis is placed on the principles of leadership in an organized schedule of outdoor and indoor development activities which will necessitate a thorough knowledge of the purpose, aims, the remote and immediate objectives of physical education, and the changing factors which are involved in building a school program. Text: School Program in Physical Education, by C. W. Hetherington.

4 hrs.	3	MTWTF	Gymnasium	DiGIOVANNA
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303. KINESIOLOGY. The mechanical analysis of physical education activities through the study of joint and muscle action.

4 hrs.	4	MTWTF	Gymnasium	LINGLE
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325. RECREATION. A seven weeks' course giving theory and practical application in leadership qualities essential for camp, club, and community work, and extra-curricular activities. This course includes music, folk dancing, nature study, drama, story telling, puppetry, photography, physical activities, social recreation, and craft work in leather, bone, archery, toys, basketry, and raffia work. The materials for the craft work must be furnished by the students. In general, a student may take only one activity per week, so it will be necessary to make a selection of the two or three offered.

1st week.....Organization and Philosophy of Recreation

2nd week.....Music and Folk Dancing

3rd week.....Nature Study, Drama, and Story Telling

4th week.....Puppetry, Photography, and Art

5th week.....Leather, Bone, Archery, Toys, Basketry, and Raffia

6th week.....Physical Activities

7th week.....Social Recreation

4 hrs.	2-4 P. M.	MTWTF	Gymnasium	McANDREW and others.
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330. THEORY OF BASKETBALL. A discussion course in which the different methods of defense and offense are studied and analyzed. Coaching methods, training, and officiating of the game are included. Text: Better Basketball by Allen.

Credit	Period	Days	Room	Instructor
2 hrs.	4	MWF	Gymnasium	MCANDREW

### PHYSICAL EDUCATION FOR WOMEN

FRANCES D. ETHERIDGE, M.A.; DOROTHY M. MUZZEY, M.A.;  
DOROTHY DAVIES, M.A.

Students who have had one or more terms of physical education may register for any of the activity courses. Students who have not had any college courses in physical education should register for course number 218, Individual Sports, or 215, Golf.

Students who have been advised by the medical department to enroll in restricted activity classes may register for any course except 216, Tennis.

#### ACTIVITY COURSES:

##### 214. ARCHERY.

Credit	Period	Days	Room	Instructor
1 hr.	1	MTWT	Gymnasium	DAVIES
1 hr.	2	MTWF	Gymnasium	ETHERIDGE

##### 215. GOLF.

1 hr.	2	MTWF	Gymnasium	MUZZEY
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##### 216. TENNIS.

1 hr.	1	MTWT	Gymnasium	MUZZEY
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##### 218. INDIVIDUAL SPORTS. Badminton, deck tennis, ping pong, paddle tennis, and other recreational sports.

1 hr.	4	MWTF	Gymnasium	ETHERIDGE
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##### 219. ACTIVITIES FOR ELEMENTARY GRADES. A survey of physical education activities suitable for use in elementary schools. Either this course or 219P is required of all sophomores.

1 hr.	3	MTTF	Gymnasium	ETHERIDGE
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##### 219P. ACTIVITIES FOR PRIMARY GRADES. A survey of physical education activities suitable for use in primary grades. Either this course or 219 is required of all sophomores.

1 hr.	4	MWTF	Gymnasium	MUZZEY
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#### THEORY COURSES:

##### 244. PRINCIPLES OF PHYSICAL EDUCATION. An introductory course in the principles of physical education consisting of a brief survey of the history, aims, and content of the physical education curriculum and of the place and function of the subject in education and community life.

3 hrs.	1	MTWT	Gymnasium	ETHERIDGE
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245. **PLAY AND RECREATIONAL LEADERSHIP.** A general course for play leaders in the organization and management of play. The age interests and characteristics of childhood are studied in connection with the adaptation of games and play activities to the elementary schools. Prerequisite, two terms of physical education work or consent of instructor.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	Gymnasium	MUZZEY

246. **THEORY OF TEACHING INDIVIDUAL ACTIVITIES.**

3 hrs.	2	MTWF	Gymnasium	DAVIES
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### PHYSICS

O. B. YOUNG, Ph.D.; CHARLOTTE ZIMMERSCHIED, A.M.

101. **SURVEY COURSE IN PHYSICS.** Mechanics, mechanical vibration, wave motion, sound, and light are covered in 101. The purpose of the course is to enable students to interpret intelligently common physical phenomena and to obtain some insight into scientific methods. Students who have had physics in high school are not admitted. It does not fulfill pre-medical and pre-engineering requirements, nor does it count toward a major or minor in physics.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	304 Parkinson	YOUNG
	4	MTh	311 Parkinson	YOUNG

206. **MECHANICS AND SOUND.** This is a college course designed for those who have had high school physics or for those who plan advanced work in physics. Foley's text and Taylor, Watson, and Howe's manual are used.

4 hrs.	3	MTWTF	303 Parkinson	ZIMMERSCHIED
	4	WF	311 Parkinson	

208. **HEAT AND LIGHT.**

4 hrs.	5	MTWTF	304 Parkinson	YOUNG and
	6	MW	311 Parkinson	ZIMMERSCHIED

305. **MAGNETISM AND ELECTRICITY.** Intensive study of fundamentals: Gauss's theorem, magnetometers, equipotential surfaces, capacity, energy, electrometers, alternating current, electromagnetics, applications. Culver's text on Electricity and Magnetism.

4 hrs.	2	MTWTF	303 Parkinson	YOUNG
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310. **LIGHT.** A detailed study of light phenomena, including principles and theories underlying measurement of speed, propagation of light, optical instruments, spectra, interference diffraction, polarization, radiation in general. Text: Robertson's Physical Optics, new edition.

4 hrs.	1	MTWTF	304 Parkinson	ZIMMERSCHIED
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## PHYSIOLOGY AND HEALTH EDUCATION

MARIE A. HINRICHS, Ph.D., M.D.; FLORENCE E. DENNY, M.A., R.N.;  
E. L. BORKON, Ph.D., M.D.

200. CONTROL OF COMMUNICABLE DISEASES IN PUBLIC SCHOOLS. A study of the principles of prevention of the communicable diseases most prevalent in public schools and the application of these principles to the individuals and the community.

Credit	Period	Days	Room	Instructor
2 hrs.	1	MTuF	Library	DENNY

202. HEALTH EDUCATION. The meaning of health, its value to the individual and to the community; how it may be attained and how preserved. Special attention will be given to the hygiene of the mouth and teeth and to the organs of special sense. The principles of the prevention of communicable diseases will be taught and their application to the individual and to the community clearly demonstrated. This teaching will be adapted to the needs of the students themselves, for the improvement of their own health and detailed instructions will be given for the application of this work to the teaching of health in all the grades of public schools. Lectures and recitations.

4 hrs.	2	MTWTF	Library	DENNY
4 hrs.	1	MTWTF	201 Gym	HINRICHS
4 hrs.	5	MTWTF		BORKON

203. PHYSICAL HANDICAPS TO LEARNING. A course designed for teachers to aid in detecting physical causes in some cases of scholastic failure. A study will be made of tests such as those for visual acuity, acuteness of hearing, speech defects, nasal obstruction, malnutrition and where indicated, home problems will be considered. Alternate summer terms.

3 hrs.	2	MTWF	202 Gym	HINRICHS
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301. BACTERIOLOGY. An introduction to the study of sanitary science, including a study of morphology and physiology of micro-organisms and their relationship to human interests. The following phases of the subject are considered: sterilization and disinfection; preparation and use of culture media; microscopic examination of micro-organisms; bacteriology of soil, milk, and water, and the pathogenic organisms and their relations to the production of communicable diseases. Lectures, recitations, and laboratory work. Prerequisites, freshman botany or freshman zoology or college physiology.

4 hrs.	3	TT		BORKON
	4	MTWTF		

305. COLLEGE PHYSIOLOGY. A study of the development of the human body and of the anatomy, physiology, and hygiene of the great systems which carry on its work. Lectures, recitations, and laboratory work. Prerequisite, one term of either freshman botany or freshman zoology.

Credit	Period	Days	Room	Instructor
4 hrs.	3	MTWTF	202 Gym	HINRICHS

306. TEACHING OF HEALTH EDUCATION IN PUBLIC SCHOOLS. Designed as an aid in organizing materials for presentation of subject matter in grade school and high school.

3 hrs.	5	TWTF	Library	DENNY
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### POLITICAL SCIENCE

WILLIS G. SWARTZ, Ph.D.; ORVILLE ALEXANDER, Ph.D.

200. CONTEMPORARY POLITICAL PROBLEMS. Designed to meet the social science requirement.

Credit	Period	Days	Room	Instructor
5 hrs.	1	MTWTF	102A Main	ALEXANDER
	3	W		
5 hrs.	5	MTWTF	102A Main	ALEXANDER
	2	Th		

231. AMERICAN NATIONAL GOVERNMENT. A survey of the organization and operation of the Federal Government.

4 hrs.	3	MTWTF	102A Main	SWARTZ
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370. INTERNATIONAL RELATIONS. A study of the factors and forces in the relations between modern national states.

4 hrs.	2	MTWTF	102A Main	SWARTZ
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380. POLITICAL PARTIES. A study of the organization and operation of our party system.

4 hrs.	4	MTWTF	102A Main	SWARTZ
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### SOCIOLOGY

R. D. BOWDEN, Ph.D.; WANDA GUM, A.M.; JUDSON T. LANDIS, A.M.

101. INTRODUCTORY SOCIOLOGY. Designed to provide a background for understanding the nature of and development of social institutions and their influence on personality, and upon structural, functional, and cultural aspects of society. This course is a prerequisite to all other courses in Sociology.

Credit	Period	Days	Room	Instructor
5 hrs.	2	MTWTF	101 Main	BOWDEN
	4	Tu		
5 hrs.	3	MTWTF	101 Main	GUM
	5	M		
5 hrs.	4	MTWTF	101 Main	BOWDEN
	1	F		

201. RURAL SOCIOLOGY. This course places stress on problems peculiar to American rural life, the family-farm institution, and the conflicts with urban types. Prerequisite, Sociology 101.

Credit	Period	Days	Room	Instructor
3 hrs.	1	MTWT	102 Main	LANDIS

315. CRIME AND ITS TREATMENT. Study of the nature of crime and delinquency; classifications, changing types of crime, criminal statistics, causal factors, origin and development of punishment. Prerequisite, Sociology 101.

4 hrs.	2	MTWTF	202 Main	LANDIS
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340. EDUCATIONAL SOCIOLOGY. This course presents the application of social psychology to the problems of educational workers. The social-psychological aspects of the learning process; the techniques of attitude formation and personality development; and the means of social control in school and classroom. Prerequisites, 101 and the elementary courses in education.

3 hrs.	4	MTWF	202 Main	LANDIS
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345. CURRENT SOCIAL PROBLEMS. A lecture course devoted to a study of the social problems being created by the present world turmoil, particularly in the United States. A review of social legislation effective and proposed to meet these problems.

2 hrs.	3	MTTF	101 Main	BOWDEN and LANDIS
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## ZOOLOGY

WILLARD M. GERSBACHER, Ph.D.; HILDA A. STEIN, M.S.

101. GENERAL VERTEBRATE ZOOLOGY. This course deals with the salient facts of vertebrate studies, taking note of apparent evolutionary development. Forms of each Chordate type will be studied, and especial emphasis will be placed on the frog as the type of all groups above amphibians. Especial individual studies are required of selected forms and groups of animals.

Credit	Period	Days	Room	Instructor
5 hrs.	1	MTWTF	7a-7b Science	MARBERRY
	2	MTWF		

201. COMPARATIVE VERTEBRATE ANATOMY II. A continuation of Zoology 200, taking up a phylogenetic comparison of the structures, organs, and systems of vertebrates. Prerequisite, Zoology 101, or its equivalent. Zoology 201 may be taken before or after Zoology 200, as suits the convenience of the student.

5 hrs.	5	MTWTF	7a-7b Science	GERSBACHER
	6	MTWT		



220. **FIELD ZOOLOGY.** This course consists of the study of local fauna, its taxonomy and distribution. Prerequisites, Zoology 101 and 105, or their equivalents. This course is required of all majors.

Credit	Period	Days	Room	Instructor
4 hrs.	1	MTWT	6 Science	STEIN
	2	MTWF		

320. **HISTOLOGY OF ORGANS.** Microscopic study of organs and tissues, with their origin and development. Prerequisite, one year of Zoology. Text: Maximow and Bloom. Required of majors.

4 hrs.	3	MTWTF	3rd floor	GERSBACHER
	4	MWTF	Science	

325. **GENERAL MORPHOLOGY OF VERTEBRATES AND INVERTEBRATES.** Emphasis will be placed on the study of the structures of animals found in the Mississippi Valley and on their relations to the rest of the Animal Kingdom. A visit will be made to the St. Louis Zoological Gardens. This is a five-hour course for juniors and seniors who have not had the opportunity of taking Zoology 101 and 105.

5 hrs.	3	MTWTF	7a-7b Science	STEIN
	4	MWTF		

### PRACTICE DEPARTMENT

Bruce W. Merwin, Ph.D., Director of Training Schools. C. C. Logan, B.S., Visual Education, Acting Principal, University High School; Florence A. Wells, A.M., English; M. Alberta Gibbons, A.M., Mathematics; J. Henry Schroeder, M.S., Industrial Arts; E. E. Hall, Ph.D., Geography; Charles Patterson, B.Ed., Music; Dilla Hall, M.S., Mathematics; Gladys L. Smith, M.A., Social Science; Fred Cagle, M.S., Biology; Louise Bach, A.M., English; Madge Troutt, A.M., Social Science; Rockwell McCreight, A.M., Safety; George Bracewell, A.M., Social Science.

W. G. Cisne, A.M., Superintendent, Elementary Training School; Harley Teel, A.M.; Ora Rogers, A.M.; Mary Entsminger, A.M.; Victor Randolph, A.M.; Lulu R. Clark; Ruby Van Trump, A.M.; Sina M. Mott, Ph.D.

The Practice Department will offer practice work in four fields: high school, elementary, kindergarten, and rural. As the facilities are limited, preference in assignment will be given those about to graduate.

Work for the Kindergarten-Primary Certificate will be given in the Allyn Kindergarten, while work for the Limited Elementary Certificate will be given in both the Allyn Elementary School and the Rural Practice School. For the Limited High School Certificate practice work is taken in the University High School.

The University High School will offer several of the standard courses and also some that are not usually given by the smaller high

schools. Thus it is easy for a high school student to find courses that he has not had but which may be applied to graduation. The usual load is one-half unit, but many students take a full unit of work by attending four hours a day for the eight weeks' session. The following courses will very likely be offered: General Science, Physical Geography, Music Appreciation, Economics, Sociology, Community Problems, Commercial Arithmetic, Creative Writing, Business English, Commercial Law, Commercial Geography, Safety Education, and Biology.

During six weeks of the summer session, work from kindergarten to the seventh grade inclusive will be offered. This work will provide reviews and enrichment of the curriculum. Much stress will be placed upon excursions, unit activities, and dramatization. Student teachers work the entire eight weeks, devoting two weeks to a study of special methods and discussions of the class work completed. The Rural Practice School will be in session four weeks, three hours a day in the afternoon, and the student teacher will receive four quarter hours credit.













