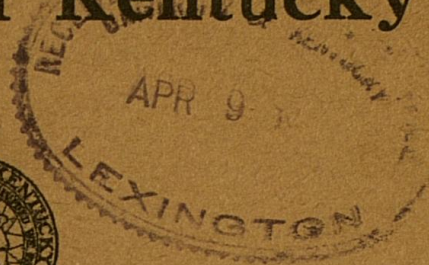


*M. J. Crutcher*

## Bulletin

# University of Kentucky



## Summer Session 1931

First Term: June 15 to July 18

Second Term: July 20 to August 22

February, 1931

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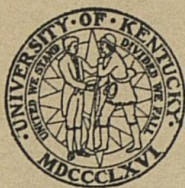
Vol. 23

No. 2

## SUMMER SESSION CALENDAR

Saturday	May 16	Last date for ex-service men to make application for free tuition and room rent for first term.
Monday	June 15	Registration for first term.
Tuesday	June 16	Classes begin.
Friday	June 19	Last date for making changes in registration or in schedule without payment of fee.
Friday	June 19	Last date for making application for ex-service benefits for second term.
Monday	June 22	Last date upon which a student may register for credit for the first term's work.
Monday	June 22	Last date upon which a student may be dropped without a grade by the dean.
Tuesday	June 23	Last date upon which a student may withdraw and receive a refund of matriculation fee for the first term.
Saturday	July 18	Examinations for first term.
Monday	July 20	Registration for second term.
Tuesday	July 21	Classes begin.
Friday	July 24	Last date for making changes in registration or in schedule without payment of fee.
Monday	July 27	Last date on which a student may register for credit for the term's work.
Monday	July 27	Last date upon which a student may be dropped without a grade by the dean.
Tuesday	July 28	Last date upon which a student may withdraw and receive a refund of matriculation fee for the second term.
Friday	August 21	Commencement.
Saturday	August 22	Examinations for the second term.

**Bulletin**  
**University of Kentucky**



**Summer Session 1931**  
**First Term: June 15 to July 18**  
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*Assistant Professor of Psychology*

WIEST, EDWARD, Ph. D.

*Dean of College of Commerce; Professor of Economics*

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*Associate Professor of Animal Husbandry*

WILSON, LOUISE, A. B.

*Third Grade Training Teacher*

WOODS, RALPH H., M. A.

*Associate Professor of Agricultural Education*

YATES, LAWRENCE, M. A.

*Assistant Professor of English*

ZIMMERMAN, ALEC JULIUS, M. A.

*Instructor in Organic Chemistry*

## GENERAL INFORMATION

### LENGTH OF SESSION

The summer session of the University of Kentucky for 1931 will be ten weeks in length six days a week and will be divided into two terms, the first to begin June 15 and close July 18, and the second to begin July 20 and close August 22.

Classes during the summer session will begin at 7:00 a. m. The first hour will be from 7:00 to 8:15, the second hour from 8:25 to 9:40, the third hour from 9:50 to 11:05, and the fourth hour from 11:15 to 12:30.

The courses listed for each term may be found in this catalog. No courses other than those scheduled will be offered.

### COURSES

Courses will be offered for graduates and for undergraduates in the College of Arts and Sciences, the College of Agriculture, the College of Engineering, the College of Law, the College of Education, and the College of Commerce.

### FOR WHOM PLANNED

The summer session program of the University of Kentucky has been planned to meet the needs of the following groups:

1. Teachers in the public schools who wish additional training in their special lines of work and who desire to work toward college degrees.
2. Teachers in private and parochial schools who wish additional training in their special lines of work and who desire to work toward college degrees.
3. Supervisors of grade school work in special subjects.
4. City superintendents who desire to acquaint themselves with recent progress in education and who have special problems for solution.
5. County superintendents who desire to study the problems of the organization and administration of rural education and problems relating to the social life of the community.
6. Teachers in junior colleges who desire additional training in the particular fields in which they work and who are working toward higher degrees.
7. Normal school and college teachers who desire additional training in their chosen fields and who are working toward advanced degrees.
8. Undergraduates in agriculture, arts and sciences, commerce, education, engineering and law who find it desirable to shorten the period of their college courses.
9. Persons desiring training for Y. M. C. A., Y. W. C. A. and social welfare service, including playground directors.

## ADMISSION

Students will be admitted to the University as their previous training warrants. They will be admitted to the freshman class, to advanced standing, to special courses as special students, or admitted as graduate students.

All applications for admission should be made to the Registrar of the University. Credits should be filed in advance. Students entering as freshmen should present transcripts from their high school and those desiring advanced standing should have a transcript sent from each institution they have attended. Students wishing to take work that is to be applied toward a degree in another institution may present a permit from that institution in lieu of a transcript of credits.

### TO THE FRESHMAN CLASS

An applicant for admission to the freshman class of any of the colleges of the University except the College of Law must offer credit for fifteen units of high school or other secondary school work, so chosen as to include the five basic units prescribed by all the colleges. Only students who hold certificates of graduation from an accredited high school will be admitted without examination. No student will be admitted as a candidate for a degree with less than fifteen units.

### TO THE COLLEGE OF LAW

The College of Law is co-educational. Both men and women are admitted either in the regular session or in the summer session. The same requirements for admission to the summer session prevail as for the regular session—the completion of two years of college work, 60 semester hours, including 6 semester hours of English. This 60 hours is exclusive of Physical Education and Military Science.

Students from other law schools of the American Association of Law Schools are admitted on the same terms as students of the University of Kentucky College of Law.

### TO ADVANCED STANDING

Candidates who can present equivalents of any part of the college work may secure advanced standing and thereby reduce the number of hours required for graduation. They may secure this advanced standing by one of two methods:

a—By examination on each subject for which credit is desired.

b—By transfer from an accredited college or university. An official statement must be submitted to the Registrar certifying in detail the work for which credit is desired.

### AS SPECIAL STUDENTS

A graduate of another university or college may enter the University to pursue any special work. Other persons may be admitted as special students under the following conditions:

a—They must be prepared to do the work desired, and give good reason for not taking a regular course.

b—They must be at least twenty-one years of age.

#### AS GRADUATE STUDENTS

The Graduate School is open to students who are graduates of this or any other university or college of recognized standing. Applicants from institutions other than this University are required to file an official transcript showing (a) all undergraduate work covered, (b) graduate work taken, if any, and (c) degrees received.

If the record submitted to the Registrar entitles him to admission he should confer with the Dean of the Graduate School and his major professor concerning preliminary requirements that he may have to satisfy and as to the graduate courses that he should take.

For further information, see statement of the Graduate School.

#### BY CERTIFICATE

Persons who desire to enter the University by certificate instead of by examination must have their credits certified by the superintendent or principal of the school in which they may be secured. Blank forms for such certificates will be furnished by the Registrar of the University on application. These certificates should be properly made out, signed and mailed to the Registrar as early as possible and not later than one week before registration. Only graduates of accredited schools or those who have completed the accredited course will be admitted upon certificate. A diploma, such as is given at graduation to high school pupils, cannot be substituted for this certificate.

#### BY EXAMINATION

If not a graduate of an accredited high school the student must present entrance credits for 15 units, including those prescribed, and pass examination in four subjects as follows:

1. ENGLISH (including composition).
2. MATHEMATICS (algebra and plane geometry).
3. TWO SUBJECTS of at least one unit each to be selected by the student. The list of entrance subjects may be procured from the Registrar.

If the student is not a graduate of the school from which he comes, he will not be admitted on entrance examinations within one year after leaving such school unless he presents a statement of honorable dismissal.

#### RESIDENCE REQUIREMENTS FOR GRADUATION

Two semesters of work at the University of Kentucky will satisfy the residence requirements for the bachelor's or the master's degree. Three summer terms are considered equivalent to one semester. For the bachelor's degree thirty semester credits must be completed in the

senior year (the work to be done in the college from which the student is to be graduated). For the master's degree, at least twenty-four credits must be completed, in addition to the thesis.

#### GENERAL REQUIREMENTS FOR A DEGREE

All applicants for a degree must have satisfied the following requirements:

1. NUMBER OF CREDITS.

An applicant for a degree must have the required number of acceptable credits. One semester's work in a beginning modern foreign language cannot be accepted until the student has received a passing grade in the work of the second semester.

2. REQUIREMENTS FOR GRADUATION.

A. B. & B. S.	*127	semester hours
B. S. in Agriculture	*139.3	semester hours
B. S. in Home Economics	*133.1	semester hours
A. B. in Education	*127	semester hours
B. S. in Commerce	*127	semester hours
LL. B.	*80	semester hours (60 A&S credits required for admission.)

B. S. in Engineering. \*Completion of courses outlined in University catalog.

\*With equal number of quality points.

3. CLASSIFICATION AS A REGULAR STUDENT.

An applicant must be a regular student and cannot be doing work as a special student. The student must have a standing of 1.0 after all penalties have been subtracted. All advanced work that is accepted is counted with a standing of 1.0.

4. FINANCIAL DELINQUENTS.

An applicant must not be a delinquent financially at the Book Store, Business Office, Post Office, Library, Athletic or Military Department or any other office at the University.

5. GROUP REQUIREMENTS.

All group requirements and requirements in Military Science and Physical Education must have been met.

6. RESIDENCE REQUIREMENTS.

The residence requirements must be fulfilled. Permission for all extension taken in the Senior year must be obtained from the Dean and must not violate the Senior Residence Rule.

7. EXTENSION WORK.

Not more than 12 credits may be taken by extension in any one calendar year. This is the maximum amount that may be counted, whether it is taken at the University of Kentucky or elsewhere.



8. APPLICATION FOR A DEGREE.

Application for a degree must be filed in the Office of the Registrar at the time announced for the filing of applications. The student is responsible for making application for the correct degree. That is, if a student is working for the degree, Bachelor of Arts in Education, he should apply for this degree and not make application for the degree, Bachelor of Arts, granted in the College of Arts and Sciences. If, for any reason, a student does not receive the degree at the time indicated on the application, it will be necessary for him to file another application, as we are not responsible for carrying over applications from one session to another.

NOTE—In the rush of work it may be impossible to take into consideration all the elements that enter into your problem. Your record will be checked according to the above outline and you will bear the responsibility of having satisfied the requirements outlined above.

# REQUIREMENTS FOR GRADUATION

## COLLEGE OF ARTS AND SCIENCES

### DEGREES

The college offers courses leading to the following degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Arts in Journalism, Bachelor of Science in Industrial Chemistry.

#### THE DEGREE OF BACHELOR OF ARTS

For the degree of Bachelor of Arts the student is required to gain a total of 127 credits and 127 points, that is, a standing of 1, subject to the following conditions:

#### OUTLINE OF REQUIREMENTS FOR GRADUATION

##### I. GENERAL REQUIREMENTS.

Matriculation Lectures	.3 credit
Military Science (men)	5.6 credits
Physical Education	2.8 credits
Hygiene	1.3 credits
English	6 to 12 credits

(12 if only 3 units entrance.)

##### II. GROUP REQUIREMENTS Lower Division Freshman and Sophomore years

1. Foreign Languages, 6 to 18 credits. (6 in 1 language if 3 or more units entrance; 12 if only 2 units entrance; 18 if only 1 or no unit entrance).

French, German, Greek, Italian, Latin or Spanish.

2. History and Social Sciences, 6 to 12 credits (6 in one department if 1 unit entrance in History; 12 including 6 credits in History, if no entrance in History).

Economics, History, Political Science or Sociology.

3. Mathematics, Philosophy or Psychology, 6 credits in one department.

4. Physical Science, 6 to 10 credits in one department.

Astronomy, Chemistry, Geology or Physics.

5. Biological Science, 6 to 8 credits in one department.

Bacteriology, Botany, Physiology or Zoology.

##### III. MAJOR 20 credits, Upper Division, Junior and Senior years. Any department, exclusive of elementary courses.

##### IV. MINORS 20 credits, Upper Division, Junior and Senior years. May be in two departments or related groups, exclusive of elementary courses. Consult Head of Major Department.

##### V. ELECTIVES IN OTHER COLLEGES OF THE UNIVERSITY. Not more than 30 credits.

- VI. In the Arts-Education course the student must take 20 credits in one minor.
- VII. RESIDENCE RULE. The Senior year must be spent in residence in this college.
- VIII. TOTAL CREDITS REQUIRED, 127.

#### COLLEGE OF AGRICULTURE

To receive the degree of Bachelor of Science in Agriculture, a student must complete 139.3 credits of work with a standing of 1.

These credits are classified as follows:

Prescribed subjects, non-agriculture	48.0 credits
Prescribed subjects, agriculture	32.3 credits
Electives required in agriculture	30.0 credits
Free electives	29.0 credits

Total	139.3 credits
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Students who have not had physics in high school will be required to take a six-credit course in college which will reduce the number of free elective credits to 23. The free electives may be in agriculture. It will thus be seen that there is opportunity to take work in agriculture amounting to 91.3 credits.

To receive the degree of Bachelor of Science in Home Economics, a student must complete 133.7 credits of work with a standing of 1.

The amount of work a student will be permitted to carry is indicated in the outline of courses. However, if a student has maintained a standing of 2 during a semester, he may, upon permission of the dean, carry additional hours the following semester.

The maximum and minimum hours for special students are the same as for regular students.

Prior to the senior year all candidates for the degree in agriculture must satisfy the dean that they have had at least one year's work on the farm or work for two summer vacations of three months each.

A student desiring to do work in any department of instruction should select his course of study upon the advice of the head of the department.

#### COLLEGE OF ENGINEERING

##### COURSES OF STUDY AND DEGREES

The College of Engineering offers instruction leading to the following baccalaureate degrees:

- Bachelor of Science in Civil Engineering.
- Bachelor of Science in Mechanical Engineering.
- Bachelor of Science in Mining Engineering.
- Bachelor of Science in Metallurgical Engineering.

The courses of study leading to these degrees are identical during the freshman and sophomore years. Familiarity with such fundamen-

tal subjects as chemistry, drawing, English, mathematics, physics and practical mechanics is essential to the successful study and practice of any branch of the engineering profession. Furthermore, after two years of college work a student is better able to make a definite choice of the branch of engineering which he is best fitted to follow. During the junior and senior years the courses are planned to give the special training that is suited to each branch of the profession.

For a detailed description of the curriculum, write for a catalog of the regular session.

#### COLLEGE OF LAW

The summer session in the College of Law for 1931 occupies ten weeks. Certain courses may be completed at the end of the first five weeks, and in their place others will be taken up for the second five weeks period. Certain other courses will occupy the entire session.

Examinations will be held as soon as the courses are completed.

The summer session is a regular part of the work of the school, and the same quantity and quality of work is required in the summer session as in the regular session. An effort has been made to provide a full program, not only for the first year students, but also for second and third year students. Approximately one-third of the year's work can be accomplished in the summer session. Three summer terms are considered the equivalent of one semester.

#### COLLEGE OF EDUCATION

The College of Education grants two degrees: A Bachelor of Arts in Education and a Bachelor of Science in Education.

Students who major in education and select their group work in English, mathematics, the social sciences, the natural sciences or the languages will be entitled to consideration for the degree of Bachelor of Arts in Education.

Students who major in education and select their group work in art, agriculture, engineering, home economics and physical education will be entitled to consideration for the degree of Bachelor of Science in Education.

For a degree in education the student is required to present a total of 127 credits with a standing of 1.

#### THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

The following is an outline of requirements for the degree of Bachelor of Arts in Education with a major in secondary education:

##### 1. GENERAL REQUIREMENTS

English .....	6	credits
Science .....	6	credits
Social Science .....	6	credits
Psychology .....	3	credits
General Hygiene .....	1.3	credits

Physical Education .....	1.4 credits
Military Science (Men) .....	5.6 credits
<b>Total</b> .....	<b>29.3 credits</b>
<b>2. TEACHING MAJORS</b>	
First Teaching Major .....	24 to 30 credits
Second Teaching Major .....	24 to 30 credits
<b>3. PROFESSIONAL MAJOR</b>	
Psychology of Study .....	3 credits
Survey of Education .....	3 credits
Educational Psychology .....	3 credits
Tests and Measurements .....	4 credits
School Organization .....	3 credits
Directed Teaching .....	5 credits
Educational Sociology .....	3 credits
<b>Total</b> .....	<b>24 credits</b>
<b>4. FREE ELECTIVES</b> .....	<b>15 to 24 credits</b>
<b>5. TOTAL CREDITS REQUIRED</b> .....	<b>127</b>

The following is an outline of requirements for the degree of Bachelor of Arts in Education with a major in elementary education:

PROFESSIONAL REQUIREMENTS	Credits
1 Psychology of Study .....	3
42 Teaching Arithmetic in the Elementary School.....	2
37 Teaching English in the Elementary School (Spelling, Writing and Composition) .....	2
44 Teaching Social Sciences in the Primary Grades or	
40 Teaching Social Sciences in the Upper Grades .....	2
172 Teaching Reading in the Elementary School .....	3
118 Tests and Measurements (for elementary teachers).....	2
173 Children's Literature .....	3
119 Foundations of Elementary Education (Ch. Psy. 5-12 yrs.)	3
17 Industrial Arts in the Elementary School .....	2
133 Directed Teaching in the Elementary Grades .....	5
	<hr/>
	27

Suggested Electives:

- 140a Philosophy of Education
- 10a Moral and Esthetic Education
- 101 School Organization

(It is suggested that not more than 36 hours in education be offered by any student for credit.)

## ACADEMIC REQUIREMENTS

English:	Credits	Sociology:	Credits
1a English Composition	3	1a Prin. of Soc. ....	3
1b English Composition	3	1b Prin. of Soc. ....	3
3a English Literature ..	3		—
3b English Literature ..	3		6
	—		
	12	Science:	
History:		11 Nature Study .....	3
10a Hist. of America .....	3	108a or 108b Zool. ....	2
10b Hist. of America .....	3	Science .....	3
4a Int. Mod. Europe .....	3	H. Ec. 16 Nutrition .....	3
4b Int. Mod. Europe .....	3		—
40 Hist. of Kentucky ....	2		11
	—	Geography: .....	6
	14		
Hygiene:			
1 General Hygiene .....	1.3	Music:	
110 Health Education .....	2	4a Pub. Sch. Mus. ....	2
1a Physical Education ..	.7	4b Pub. Sch. Mus. ....	2
1b Physical Education ..	.7		
10 Plays and Games .....	1	Art:	
	—	10 Pub. Sch. Art .....	2
	5.7		—
Political Science:		(Suggested elective: Art	
15a Prob. of Citiz. ....	3	Structure) .....	6
15b Prob. of Citiz. ....	3		
	—		
	6		
Total academic credits required.....			66.7
Total number of credits required .....			127.0

## COLLEGE OF COMMERCE

The degree of Bachelor of Science in Commerce is conferred upon students who present 127 credits with a standing of at least 1 and who complete all the required courses. Required subjects vary somewhat according to the curriculum selected. Unless two units in the ancient or foreign languages are offered for entrance, one year of language in college is required. It is strongly recommended that all commerce students elect at least one year of language.

## THE GRADUATE SCHOOL

### THE GROWTH OF THE GRADUATE PROGRAM

The demand for graduate work at the University of Kentucky has grown rapidly in recent years. High school teachers, supervisors, principals and superintendents of schools, and teachers in normal schools

and junior and senior colleges are seeking the education and training represented by higher degrees. To meet this demand, the several colleges of the University are providing larger programs of work for graduate students.

#### ADMISSION TO THE GRADUATE SCHOOL

(See general admission requirements page 12).

College graduates who desire to confine their work to undergraduate courses and who do not expect to become candidates for higher degrees should not register in the Graduate School, but with the Dean of the College in which their courses are listed:

#### GENERAL REQUIREMENTS FOR THE MASTER'S DEGREE

Students having completed the equivalent of an A. B. or B. S. degree from an accredited liberal arts college or a standard teachers' college, may become candidates for the degree of master of arts or master of science.

Two plans are provided for satisfying the requirements for a master's degree, as follows:

1. Twenty-four credits in graduate courses exclusive of the thesis, one academic year (36 weeks) in residence, and an acceptable thesis.
2. At the option of a department (not of the student) the master's degree may be granted for the completion of forty-five credits in graduate courses with an average standing of B or better, three semesters (54 weeks) in residence, and no requirement of a thesis.

#### GENERAL REQUIREMENTS FOR THE DOCTOR'S DEGREE

The degree of Doctor of Philosophy is offered with major work in the following departments: Chemistry, Education, Economics, Mathematics, Physics, Psychology, and Political Science. Minor work may be carried in any department offering graduate courses.

The degree of Doctor of Philosophy is conferred upon a candidate who, after completing not less than three years of graduate work devoted to the study of a special field of knowledge, passes the required examination in the subjects, presents a satisfactory dissertation, and is deemed worthy of recognition as a scholar of high attainments in his chosen province.

The Doctor's degree is intended to represent not a specified amount of work covering a specified time, but the attainments through long study, of independent and comprehensive scholarship in a special field. Such scholarship should be shown by a thorough acquaintance with present knowledge in his special field of learning and a marked capacity for research.

A minimum of three collegiate years of resident graduate work, of which at least the last year must be spent at the University of Kentucky, is required for the doctorate. The full time of each of these years must be spent in study. Part time students and those holding

assistantships or engaging in other outside activities will of course be required to take a proportionately longer time.

While it is expected that a well prepared student of good ability may secure the degree upon the completion of three years of study, it should be understood that this time requirement is a minimum and is wholly secondary to the matter of scholarship. Neither time spent in study, however long, nor the accumulation of facts, however great in amount, nor the completion of advanced courses, however numerous, can be substituted for independent thinking and original research.

Work done in other institutions of learning may be accepted toward the doctorate at the University of Kentucky but no work is credited which has not been done in a college or university of recognized standing or in a research laboratory.

#### TEACHERS' CERTIFICATES

The act governing the certification of teachers by the University of Kentucky passed by the General Assembly of 1926 provides for the issuance of certificate to students classified in the College of Education, University of Kentucky, as follows:

A COLLEGE ELEMENTARY CERTIFICATE, valid for two years of teaching in any elementary school of the State, shall be issued upon completion of at least thirty-two semester hours of work, including six semester hours in education. This certificate shall be renewed for two years upon completion of at least sixteen or more additional semester hours of college work, at least eight of which must be earned in residence.

A STANDARD CERTIFICATE, valid for three years of teaching in any public school of the Commonwealth, shall be issued upon completion of at least sixty-four semester hours of college work, including twelve semester hours in education. This certificate shall be renewed upon evidence of thirty-two additional semester hours of college work, including six semester hours of education. It may be extended for life when the applicant has met the requirements for a baccalaureate degree in the College of Education and presents in addition thereto three years of successful teaching experience after graduation from the University of Kentucky.

A COLLEGE CERTIFICATE, valid for three years of teaching in any public school of the Commonwealth, shall be issued to persons completing a curriculum in the College of Education and receiving a degree therefrom. This certificate shall be renewed for life after three years of successful experience in educational work in the public schools. Credit for one year of graduate work may be accepted in lieu of one year of successful experience as above provided.

#### RESIDENCE REQUIREMENTS FOR CERTIFICATES

A minimum of sixteen credits for the Elementary Certificate, twenty-three credits for the Standard Certificate, and thirty credits



for the Life Certificate must be done in residence at the University of Kentucky.

Not more than fifty per cent of the work required for any certificate may be done through extension whether by correspondence, class extension, or a combination of the two.

All work for renewal of certificates at the University of Kentucky shall be done in this institution.

In the work required for the renewal of certificates issued by the University of Kentucky not more than fifty per cent may be done by extension.

#### DESIGNATION OF COURSES

The courses in each department are numbered as in the University catalog, those primarily for undergraduates, from 1 to 99; those for both graduates and undergraduates, from 100 to 199; and those primarily for graduates, from 200 on. All courses are fully described in the subsequent pages.

#### STUDENT LOAD

The normal load for the average student is six semester hours for each term. Students presenting a standing of 2 (average of "B") or better will be allowed to carry seven semester hours either term, which will be the maximum load for summer session students. No student will be allowed to earn more than thirteen hours during the two terms.

No student will be allowed to carry more than the normal load without filing a petition for extra work with the dean of his college and having it approved by the Scholarship and Attendance Committee. Persons entering five days late will be required to carry one credit less than the amount specified above.

#### REDUCED RAILROAD RATES

The Southeastern Passenger Association has granted railroad rates of one and one-half fare for round trip tickets for the summer session of 1931. This rate applies to the entire southeastern territory with the exception of stations in Virginia and Washington, D. C. Tickets will be on sale June 12 to June 18, inclusive, and July 1 to July 23, inclusive. The final limit on all tickets will be August 29. These tickets must be validated by the regular passenger agent at Lexington before the return journey is commenced.

Please write to the Director of the Summer Session for proper identification blanks before you come to the summer session.

#### FEES

The tuition fee for each college, with the exception of the College of Law, is \$18.25 a term. In the College of Law the fee is \$25.25 a term.

Any student registering for a course in the College of Law shall pay the tuition fee for this college. This applies not only to students majoring in law but to students in all other colleges.

## REFUNDS

During the first eight days after the opening of either term of the summer session, students may receive a refund on the amount paid in fees, not to exceed 80% of all fees paid. In no case shall the amount refunded exceed 80%, and in no case will refunds be made after the first eight days.

## LATE REGISTRATION

Students entering the University after the regular registration period will be charged an additional fee of \$2.00 for the first day and \$1.00 a day thereafter, the total not to exceed \$5.00.

No student will be permitted to matriculate after Thursday of the first week of the term without special permission of the heads of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 22 nor for the second term's work after July 27.

## CHANGES IN REGISTRATION

After three days following the regular registration period, a fee of \$2.00 will be charged for transfer from one college or school to another.

## LATE CLASSIFICATION FEE

Students who fail to arrange classification within the scheduled time will be charged a fee of \$2.00. No change in registration will be permitted after the dates indicated in the calendar.

## FEE FOR CHANGE IN CLASSIFICATION

After three days following the regular registration period a fee of \$2.00 will be charged for any change in schedule.

## MARKING SYSTEM

Results of work will be recorded in the Registrar's office as follows:

- A. Exceptionally high quality, valued at 3 points for each credit.
- B. Good, valued at 2 points for each credit.
- C. Fair, valued at 1 point for each credit.
- D. Unsatisfactory, indicates a deficiency and gives no points, but gives credit for graduation if with such credits the student's standing is 1 or more.
- E. Failure, valued at 0 points and no credits.
- I. Incomplete.
- X. Absent from examination.

The *standing* of a student is defined as the ratio of his total number of points to his total number of credits. For example, a student who makes an average mark of C thruout his course of 120 semester hours, would have 120 points and 120 credits, and a standing of *one*.

An average mark of B would give the student 240 points and 120 credits and a standing of *two*. When a semester's work is to be considered a "standing" is understood to be the ratio of the number of points gained to the number of credits scheduled.

#### ROOM AND BOARD

The University residence halls will be open during the summer session.

Application for a room in women's residence halls should be made to the Dean of Women, and for a room in the men's residence halls to the Dean of Men. Each application should be accompanied by a reservation fee of five dollars. If a check is sent in payment of this fee it should be made payable to the University of Kentucky. *Refunds of this fee will be made only in case notification is given the Dean of Women or Dean of Men at least ten days before the term opens for which the reservation is made.* Upon occupancy of the room by a student, this fee will be held as a breakage deposit, to be returned at the close of the term.

In the women's residence halls, the cost of a room ranges from \$12.50 to \$15.00 a term, according to the room occupied. There are a few single rooms which may be had for \$15.00; the others are double rooms, each occupant paying \$12.50 a term. No definite room assignments are made until after June 8. No room is held after 7 p. m. June 15 unless special arrangements have been made with the Dean of Women. All women students are required to stay in the women's halls unless special permission is obtained from the Dean of Women.

Residence halls for women are furnished, with the exception of linen and blankets. Students having rooms in the women's halls are expected to bring with them the following articles: sheets, pillow slips, blankets and towels. All other necessary articles will be furnished.

Rooms in the men's dormitory cost \$12.50 to \$17.50 a term for each person in a room according to the room occupied. Bed linen is included. Reservations not claimed by June 15 will not be held unless arrangements are made with the Dean of Men.

*Meals at the University Cafeteria.* Meals will be served at the University cafeteria during the summer session.

*Rooms and Board in Lexington.* A list of desirable rooms and boarding places in the city is kept in the office of the Dean of Women and the Dean of Men. Good double rooms range in price for the term from \$12.50 up; single rooms from \$15.00 up. Men who have not made reservations should apply, upon arriving in Lexington, at the office of the Dean of Men for information relative to available rooms.

*University Health Service.* The services of a physician and nurse will be available to the students registered in the summer session during both terms. Consultations may be had at the offices of the Department of Hygiene.

#### PLACEMENT SERVICE

There is a constantly growing demand for the services of the graduates of the University of Kentucky. The Placement Service is operated through the College of Education, and every attempt is made to procure for the students and for the graduates of the University the type of employment which will enable each one to achieve the best results.

The University desires to be of greatest service to the public schools of Kentucky by training an efficient group of teachers and by placing each one of these in the type of position where he can do his best work. Each student in attendance at the University who desires a position should register with the Placement Service on the first floor of the Training School Building. Superintendents and principals of schools desiring teachers should write to the Placement Service, College of Education, for the credentials of persons available.

#### EX-SERVICE MEN

Ex-service men, under the provisions of Kentucky Statutes, receive free tuition and room rent. This applies to the summer session as well as to regular sessions. It applies only to persons who were residents of Kentucky at the time of their enlistment. In order to receive the benefits of the law, such persons must file written application with the Registrar of the University at least thirty days prior to the opening of the summer session. Such application must be accompanied by the certificate of discharge.

## SCHEDULE OF LECTURES AND RECITATIONS

### EXPLANATIONS AND ABBREVIATIONS

Colleges are arranged according to order in the catalog and the departments of each College are arranged alphabetically.

Days of recitations are indicated by the initial letters of the days, D, standing for daily. The buildings are indicated as follows: A, Administration; Arm, Armory; AC, Art Center; Agr., Agriculture; BH, Boyd Hall; CP, Campus Playhouse; C & P, Civil and Physics; E, Education; ES, Experiment Station; FEL, Farm Engineering Laboratory; KH, Kastle Hall, LB, Law Building; NG, New Gymnasium; WG, Women's Gymnasium; M, Mining; McVH, McVey Hall; ML, Mining Laboratory; MH, Mechanical Hall; NH, Neville Hall; NS, New Shop; OC, Old Chemistry; PH, Patterson Hall; S, Science; SF, Stoll Field; SP, Stock Judging Pavilion; SL, Serum Laboratory; TS, Training School; WH, White Hall.

### RECITATION HOURS

First Hour:	7:00- 8:15
Second Hour:	8:25- 9:40
Third Hour:	9:50-11:05
Fourth Hour:	11:15-12:30

### Noon Hour

Fifth Hour:	1:30- 2:45
Sixth Hour:	2:55- 4:10
Seventh Hour:	4:20- 5:35

Only courses marked with an asterisk are open to freshmen.

Only courses with numbers below 100 are open to sophomores.

Courses with numbers between 100 and 200 are open to juniors, seniors and graduate students.

Courses numbered 200 or above are open to graduate students only.

**FIRST TERM  
COLLEGE OF ARTS AND SCIENCES**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>ANATOMY and PHYSIOLOGY</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; Anatomy and Physiology 1a, b, or 2a, b; Chemistry 1a, b; Zoology 1a, b; Physics, one year. <b>Required:</b> Anatomy and Physiology 105a, b. <b>Electives:</b> Advanced Courses in Anatomy and Physiology; Zoology 101a, b, 106, 7a, b; Bacteriology 102; Chemistry 127a, b, 131a, b.</p>							
S1a	General Physiology .....	2	7:25-8:15	D	S	205	Allen
The following courses not open to sophomores:							
S105a <sub>1</sub>	{ Human Osteology, Lec., Rec. .... }	3	{ 11:15- 12:30	MWF	S	205	Allen
S105a <sub>2</sub>	{ Human Osteology, Lab..... }		{ 1:30-3:30	D	S	207	Allen
S106a	Endocrinology .....	2	8:25-9:15	D	S	205	Allen
S106b	Endocrinology .....	2	9:50-10:40	D	S	205	Allen
<b>ANCIENT LANGUAGES</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; first two years of college Latin. <b>Electives:</b> Ancient Languages, all other advanced courses in Latin and Greek.</p>							
*S3, 4, 5, 6	Cicero, Virgil, Livy, Horace.....	2	11:15-12:05	D	A	303	Jones
The following courses not open to freshmen and sophomores:							
S150a	Teachers' Course in Latin.....	2	7:25-8:15	D	A	303	Jones
S109a, b	Latin Literature (Selections)...	2	8:25-9:15	D	A	303	Jones
S122b	Greek Literature (In English)...	2	9:50-10:40	D	A	303	Jones
<b>ANTHROPOLOGY AND ARCHAEOLOGY</b>							
The following course not open to freshmen or sophomores:							
101	Principles of Anthropology .....	2	11:15-12:05	D	McVH	111	Funkhouser
<b>ART</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; 61a, 61b, or 43a, 43b, 45a, 45b, 63a, 63b, and 62a, 62b. (Old numbers 1928-9: 71a, 71b or 13a, 13b, 15a, 15b, and 72a, 72b.) <b>Required:</b> 65a, or 55a, 55b; 64a, 35, 36, 37, 38. (Old numbers, 1928-9: 73a, 73b, 74a, 74b and 31, 32, 33.)</p>							
*S1a	Drawing and Painting .....	2	1, 2	D	AC		Fisk
*2a	{ Art Structure .....	2	{ 3	D	AC		Pride
	{ Art Structure, Lab. .... }		{ 4 hrs. by	Appt.	AC		
*2b	{ Art Structure .....	2	{ 4	D	AC		Pride
	{ Art Structure, Lab. .... }		{ 4 hrs. by	Appt.			

\*Open to Freshmen.

**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>BACTERIOLOGY</b>							
Requirements for a Major: Prerequisites: Junior standing; Chemistry 1a, b; Bacteriology 2a, b, or 52. Required: Two credits in seminar, and not less than eight additional credits in advanced courses in Bacteriology. Electives: Advanced courses in Bacteriology; Chemistry 4, 7, 8, 127a, b, 118, 129, 106; Zoology 101, 105; Botany 3, 125a, b.							
The following courses not open to sophomores:							
102 <sub>1</sub>	General Bacteriology, Lect...	4	7:00-7:50	D	KH	B13	Scherago Weaver
102 <sub>2</sub>	General Bacteriology, Lab....						
103 <sub>1</sub>	Pathogenic Bacteriology, ..	4	7:50-9:40	D	KH	Sb12	Scherago
103 <sub>2</sub>	Lect. ....						
103 <sub>2</sub>	Pathogenic Bacteriol, Lab....	5	10:40-12:30	D	KH	Sb12	Scherago
201a	Research in Bacteriology, Graduate students only .....						
				By Appt.	KH	Sb11	Weaver
<b>BOTANY</b>							
Requirements for a Major: Prerequisites: Junior standing; Botany 1a, b. Required: Botany 3, 6, 15, 125a, 125b; Zoology 1a, b.							
*1a <sub>1</sub>	General Botany, Lec.-Rec. ....	4	9:50-10:40	D	WH	101	McFarland
*1a <sub>2</sub>	General Botany, Lab. ....						
6	Plant Histology, Lab. ....	3	1, 2	D	WH	103	Kirkland McFarland
19	Dendrology, Lec. and Rec.....	2	8:50-9:40	D	WH	101	McFarland
<b>CHEMISTRY</b>							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, b, and either 101 or 131a, b. Electives: Other advanced courses in Chemistry.							
*1a	General Inorganic Chemistry....	5	7:25-11:05	D	KH	101 200	Mitchell and Assistant
4	Qualitative Analysis .....	4	7:25-11:05	D			
7	Organic Chemistry .....	4	7:00-9:40	D	KH	101 204	Zimmerman Barkenbus
8	Quantitative Analysis .....	5	7:25-12:30	D			
					KH	111 113	Bedford and Assistant
The following courses not open to sophomores:							
101	Physical Chemistry .....	5	1, 2, 3	D	KH	B14 B17	Bedford and Assistant
106	Advanced Organic Chemistry..	5	By Appt.	D			
109	Quantitative Analysis .....	5	7:25-12:30	D	KH	111 113	Bedford and Assistant
114	Quantitative Analysis .....	5	7:25-12:30	D			
204a	Organic Chemistry. Graduate students only .....	5	By Appt.	D	KH	113 215	Bedford and Assistant Barkenbus
204b	Organic Chemistry. Graduate students only .....	5	By Appt.	D			

\*Open to Freshmen.

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>ECONOMICS</b>							
1a	Principles of Economics (not open to freshmen) .....	3	2	D	WH	306	Palmer
*2	Econ. History of Europe.....	3	1	D	WH	303	Jennings
*8	Econ. Geography .....	3	4	D	WH	303	Carter
The following courses not open to sophomores:							
102	Labor Problems (Prerequisite, course 1a) .....	3	3	D	WH	207	Carter
124	State and Local Taxation (Prerequisite, course 1a).....	3	1:30-2:45	D	WH	207	Martin
209	Comparative Banking and Monetary Systems (graduate students only) .....	3	4	D	WH	205	Wiest
<b>ENGLISH LANGUAGES AND LITERATURE</b>							
Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Electives: 2a, 2b, and all other advanced courses in English.							
*S1a	English Composition .....	2	7:25-8:15	D	McVH	210	Yates
*S1b	English Composition .....	2	8:25-9:15	D	McVH	210	Yates
S3a	History of English Literature..	2	9:50-10:40	D	McVH	210	Yates
The following courses not open to sophomores:							
111	English Novel of 19th Century	3	2	D	McVH	200	Knight
123a	Amer. Literature Before 1860..	3	3	D	McVH	200	Knight
125	Pronunciation of Mod. English	3	2	D	McVH	211	Dantzler
116	Contemporary Drama .....	3	3	D	McVH	230	Farquhar
201a	Literary Criticism (graduate students only) .....	3	4	D	McVH	230	Farquhar
205	Chaucer .....	3	3	D	McVH	211	Dantzler
<b>LIBRARY SCIENCE</b>							
The following courses not open to freshmen or sophomores:							
129	Cataloging and Classification..	2	2	D	UL	302	.....
133	Reference and Bibliography ....	2	1	D	UL	302	Semmons
150	Book Selection .....	2	4	D	UL	302	Harrington
128	Children's Literature .....	2	3	D	UL	302	Harrington
139	Field Work. Prereq.: Eng. 129, 133, 150 .....	2	By Appt.	D	TS	Lib.	Semmons
154	Seminar. Prereq.: Eng. 126, 129, 133, 150 .....	2	4	D	UL	301	.....
<b>GEOLOGY</b>							
Requirements for a Major. Prerequisites: Junior standing; Geology 22a, 22b or equivalent. Required: Geology 15a, 15b, 16a, 16b, 9a, 9b, 19a, 19b, 101a, 101b, 109a, 109b, 117a, 117b. Electives: Geology 10a, b, and all other advanced courses in Geology.							
S2a	Elementary Geology .....	2	7:25-8:15	D	S	203	McFarlan
10	Geology of Kentucky .....	2	8:25-9:15	D	S	203	McFarlan
16a	Mineral Resources .....	2	9:50-10:40	D	S	203	Meacham

\*Open to Freshmen.



**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>GEOLOGY—Continued.</b>							
S18a	Elements of Geography .....	2	11:15-12:05	D	S	203	Meacham
118b	Field Work in Regional Geology (June 6-17). Not open to sophomores .....	2		Field			McFarlan and Meacham
<b>GERMAN</b>							
Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b. Required: 2a, 2b, 3a, 3b, 4a, 4b, 5, 6. Electives: Other advanced courses in German; Romance Languages 6a, 6b or 109a, b; Political Science 155a, 155b; English 102 or 130a, b.							
*1a	Elementary German .....	3	2	D	A	204	Melcher
*1b	Elementary German .....	3	2	D	A	204	Melcher
*2a	Intermediate German .....	3	3	D	A	204	Melcher
*2b	Intermediate German .....	3	3	D	A	204	Melcher
S3a	Composition and Reading .....	2	11:15-12:05	D	A	204	Melcher
S3b	Composition and Reading .....	2	11:15-12:05	D	A	204	Melcher
S4a	Adv. Reading and Composition .....	2		By Appt.	A	204	Melcher
S6	Scientific and Journalistic Ger. .....	2		By Appt.	A	204	Melcher
Special arrangements will be made for students who cannot accommodate themselves to this schedule.							
<b>HISTORY</b>							
Requirements for a Major. Prerequisites: Junior standing; History 2a, 2b, or 4a, 4b. Electives: History 10a, 10b, 40 and all other advanced courses in History.							
*S4a	Introduction to Modern Europe .....	2	7:25-8:15	D	A	205	
The following courses not open to sophomores:							
S166a	Division and Reunion .....	2	7:25-8:15	D	E	204	Knapp
S119b	Nineteenth Century .....	2	8:25-9:15	D	A	205	Clyde
S147	Recent American History .....	2	8:25-9:15	D	E	204	Knapp
182a	Historical Criticism .....	1	4	MW	A	205	Clyde
180	European Historiography .....	1	4	TTh	A	205	Clyde
202	American Revolution (graduate students only) .....	2	11:15-12:05	D	E	204	Knapp
<b>HYGIENE AND PUBLIC HEALTH</b>							
Requirements for a Major. Prerequisites: Junior standing; Hygiene 1; Chemistry 1a, 1b; Bacteriology 2a, 2b or 52. Required: Hygiene 105, 111, 112, 115. Electives: Hygiene 110, 114, 116; Bacteriology 103, 107; 110a, 110b; Zoology 105; Chemistry 118.							
*1	General Hygiene .....	1.3	7:25-8:15	D	A	205	Heinz
The following courses not open to sophomores:							
S116	Social and Economic Aspects of Diseases .....	2	8:25-9:15	D	A	4	Heinz
S110	Health Education and Health Supervision of Schools .....	2	11:15-12:05	D	A	205	Chambers and Heinz

\*Open to Freshmen.

**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>JOURNALISM</b>							
Requirements for a Major. Prerequisites: Junior standing; Journalism 1a, 1b, 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108. Electives: All other courses in Journalism; Courses in English, History, Political Science, Romance Languages numbered above 100.							
S21	Etymology .....	2	9:50-10:40	D	McVH	54	Grehan
The following courses not open to sophomores:							
S111	Verbal Criticism .....	2	11:15-12:05	D	McVH	54	Grehan
S101	Supervision of High School Publications .....	3	9:50-11:40	D	McVH	53	Portmann
<b>MATHEMATICS</b>							
Requirements for a Major. Prerequisites: Junior standing; Courses 1, 2, 4, 5, 6. Required: 7a, b. Electives: Courses 11, 12, and those numbered over 100.							
*S4	Plane Trigonometry .....	4	7:00-8:50	D	McVH	104	LeSturgeon
*S14	Mathematics of Finance .....	4	9:50-11:40	D	McVH	107	Brown
S6	Analytic Geometry .....	4	9:50-11:40	D	McVH	100	Boyd
S7a	Differential Calculus .....	4	7:00- 8:50	D	McVH	106	Latimer
S7b	Integral Calculus .....	2	7:00-7:50	D	McVH	107	Brown
The following courses not open to sophomores:							
S103	Theory of Equations .....	2	11:15-12:05	D	McVH	106	Latimer
S106a	Advanced Calculus .....	2	9:50-10:40	D	McVH	104	LeSturgeon
S107	Projective Geometry .....	2	7:00-7:50	D	McVH	100	Boyd
<b>MUSIC</b>							
Requirements for a Major. Prerequisites: Junior standing; Music 21a, 21b, 3a, 3b; Psychology, one semester. Required: Music 4a, 4b, 11a, 11b, 12a, 12b, 19a, 19b. Electives: Advanced courses in Romance Languages and Education. Other advanced courses in Music.							
*4a	Public School Music Methods..	2	8:25-9:15	D	AC		Parker
S15a	Applied Music. For "B. S. in Music" only. Two lessons per week .....	1	By Appt.		AC		By arrangem't
S18b							
9b	Organization and Training of Musical Groups (Strings) For "B. S. in Music" only.....	2	8:25-9:15	D	AC		Lampert
14a	Organization and Training of Mus. Groups (Woodwinds) For "B. S. in Music" only.....	2	9:50-10:40	D	AC		Sulzer
14b	Organization and Training of Musical Groups (Orchestration and Conducting) For "B. S. in Music" only .....	2	9:50-10:40	D	AC		Lampert
S25a	Elementary Harmony .....	2	7:25-8:15	D	AC		Lampert
*19a	History and Appreciation of Music .....	2	11:15-12:05	D	AC		Lampert
*21a	Sight Reading .....	1.5	7:25-8:15	D	AC		Parker
26	High School Music .....	2	11:15-12:05	D	AC		Parker
*31	Mixed Chorus .....	1	5	D	AC		Lampert and Parker

\*Open to Freshmen.

**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>PHILOSOPHY</b>							
Requirements for a Major. Prerequisites: Junior standing; Philosophy 1a, 1b, 31, 51. Electives: All other courses in Philosophy.							
31	Logic .....	3	2	D	E	205	Kuiper
The following course not open to sophomores:							
101a	History of Philosophy .....	3	4	D	E	205	Kuiper
<b>PHYSICAL EDUCATION</b>							
*S10	Games .....	1	9:50-10:40	D	MG		Potter
S27	School Programs of Physical Education .....	2	11:15-12:05	D	MG		Potter
	Intramural Sports .....	0	6, 7, 8	D	MG		Potter
Intramural Tennis, Golf, Horseshoe Pitching, and Team Sports will be offered for all summer school students. Awards will be given all winners.							
<b>PHYSICS</b>							
Requirements for a Major. Prerequisites: Junior standing; Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. Required: Mathematics 7a, 7b. Electives: All courses in Physics numbered above 100.							
*1a	{ Gen. Elem. Phys., Lec. .... }	5	7:25-8:15	D	C&P	200	Webb
*1a	{ Gen. Elem. Phys., Rec. .... }		8:25-9:15	D	C&P	200	Webb
*1a	{ Gen. Elem. Phys., Lab. .... }		9:20-11:00	MWF	C&P	200	Webb
*S51a	Intro. to Phys., Lec. ....	2	7:25-8:15	D	C&P	200	Webb
3a	Gen. Col. Phys., Lec. & Rec. ....	4	9:50-11:30	D	C&P	103	Koppius
S5	{ Meas. in Mech. & Heat, Lec. .... }	2	7:25-8:15	TTh	C&P	103	Koppius
	{ Meas. in Mech. & Heat, Lab. .... }		{ 7:25-8:15 MWF 8:25-9:45 { MT WTh F } By Appt.		C&P		
S223a	General Physics (graduate students only) .....	6			C&P	105	Koppius
Graduate courses by appointment.							
<b>POLITICAL SCIENCE</b>							
Requirements for a Major. Prerequisites: Junior standing; Political Science 15a, 15b or 51a, 51b. Required: Political Science 155a, 155b. Electives: All advanced courses in Political Science.							
*S15a	Problems of Citizenship .....	2	7:25-8:15	D	A	203	
S51a	American Government .....	2	11:15-12:05	D	A	203	Vandenbosch
The following courses not open to sophomores:							
155a	Comparative Government .....	3	3	D	A	4	Holtzclaw
S158	Public Utilities .....	2	8:25-9:15	D	A	4	
S161	International Relations .....	2	9:50-10:40	D	A	4	Vandenbosch
172	Ky. Constitution and Govt. ....	3	2	D	A	203	Jones
207	Imperialism and Nationalism (graduate students only) ....	2	7:25-8:15	D	A	4	Vandenbosch

\*Open to Freshmen.

**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>PSYCHOLOGY</b>							
Requirements for a Major. Prerequisites: Junior standing; Psychology 2a, 2b or Psychology 10. Required: Not less than 20 credits in advanced courses. Electives: All other courses in Psychology except 6. Anatomy and Physiology 102a, 102b. Commerce 102, 107, 111, 114, 116; Education 122, 123; Philosophy 101 or above; Zoology 101a, 101b, 103a, 108b.							
*S2a and b 7	General Psychology .....	4	7:30-9:20	D	NH	306	White
	Psychology of the Child .....	3	4	D	NH	300	Asher
	The following courses not open to sophomores:						
111	Mental Measurements .....	3	2	D	NH	300	Asher
113	Psychology of Learning .....	3		By Appt.	NH	202	White
109a	Diagnosis of Development .....	2		By Appt.	NH	302	Asher
120a	Independent Work .....	2		By Appt.	NH	202	White
<b>ROMANCE LANGUAGES</b>							
Requirements for a Major. Prerequisites: Junior standing; Romance Language 1a, 1b, 2a, 2b, 5a, 5b. Electives: All other courses in Romance Languages.							
*S1a	Elementary French .....	2	9:50-10:40	D	S	306	Schick
*S1b	{ Elementary French .....	2	8:25-9:15	D	S	306	Schick
S2a	{ Intermediate French .....						
S6a, b	{ French Novel and Drama .....	2	11:15-12:05	D	S	306	Schick
S2b	{ Intermediate French .....						
S114a	Independent Work in French. Not open to sophomores .....	2		By Appt.	S	306	Schick
*S5a	Elementary Spanish .....	2	9:50-10:40	D	S	307	Server
S5b	{ Elementary Spanish .....	2	8:25-9:15	D	S	307	Server
*S7a	{ Intermediate Spanish .....						
S9a	Spanish Novel and Drama .....	2	7:25-8:15	D	S	307	Server
S112a	{ Spanish Literature .....	2		By Appt.	S	307	Server
S104a	{ Not open to sophomores .....						
<b>SOCIOLOGY</b>							
Requirements for a Major. Prerequisites: Junior standing; Sociology 1a, 1b. Electives: Advanced courses in Sociology; and certain approved courses in Economics, Psychology, Political Science, History, Education, Philosophy, Hygiene and Public Health, and Farm Economics.							
*S1a	Principles of Sociology .....	2	7:25-8:15	D	E	106	Best
	The following courses not open to sophomores:						
S103	Criminology .....	2	8:25-9:15	D	E	106	Best
S101	Social Dependence .....	2	9:50-10:40	D	E	106	Best
<b>ZOOLOGY</b>							
Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. Required: Zoology 106, 107a, 107b, 108a, 108b, 114. Electives: Zoology 3a, b, 9, and all other advanced courses in Zoology; Geology 101; Botany 6; Bacteriology 103, 104, 111; Animal Industry 104, 119, 121; Chemistry 127a, 127b, 130a, 130b; Agricultural Entomology 4, 5. For Anthropology 101 see Anthropology and Archeology.							

\*Open to Freshmen.

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ZOOLOGY—Continued.							
*1a <sub>1</sub>	General Zoology, Rec. ....	4	8:50-9:40	D	S	103	Sherwood
*1a <sub>2</sub>	General Zoology, Lab. ....		7:00-8:40	D	S	103	Sherwood
7a <sub>1</sub>	Comparative Anatomy, Rec. {	4	9:50-10:40	D	S	108	Allen
7a <sub>2</sub>	Comparative Anatomy, Lab. }		10:40-12:20	D	S	105	Allen
The following courses not open to sophomores:							
106 <sub>1</sub>	Embryology, Rec. ....	4	9:50-10:40	D	S	5	Sherwood
106 <sub>2</sub>	Embryology, Lab. ....		10:40-12:20	D	S	5	Sherwood
108b	Heredity .....	2	9:50-10:40	D	McVH	111	Funkhouser
102	Ornithology .....	3	1	D	S	108	Allen

COLLEGE OF AGRICULTURE

AGRICULT'L ENTOMOLOGY							
102	Advanced Agricul. Entomology	3	{ 1 5, 6	{ D W }	SP	101	W. A. Price
AGRONOMY							
105	Advanced Crops .....	3	1, 2	D	Agr.	303	Kinney
ANIMAL INDUSTRY							
20	Principles of Animal Nutrit....	3	2	D	D	113	Wilford
*21	Market Classes & Grades.....	2	3	D	SP	106	Harris
119	Genetics .....	3	4	D	Agr.	205	Anderson
127	Advanced Poultry Breeding.....	3	4	D	D	212	Martin
MARKETS AND RURAL FINANCE							
109	Cooperative Marketing .....	3	1, 2	D	Agr.	303	H. B. Price
HOME ECONOMICS							
6b	Foods .....	4	1, 2	D	Agr.	103	Barkley
29	Costume Design .....	3	1, 2	{ MT W ThF }	Agr.	202	Wade
42	Home Management .....	5		By Appt.			Deephouse
*50	Elementary Clothing .....	1	3	D	Agr.	202	Barkley
115	Child Care and Training.....	3	1	D	Agr.	301	
116	Advanced Costume Design.....	3	4	D	Agr.	202	Wade
144	Advanced Home Management..	3	3	D	Agr.	301	

\*Open to Freshmen.

**COLLEGE OF ENGINEERING**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>CIVIL ENGINEERING</b>							
74	Structural Design .....	1.3	15 hrs.	By Appt.	MH		Jett
<b>DRAWING</b>							
1a	Mechanical Drawing .....	2	18 hrs.	By Appt.	C&P	207	Horine
1b	Mechanical Drawing .....	2	18 hrs.	By Appt.	C&P	207	Horine
3	Descriptive Geometry .....	5	3, 4	D	C&P	107	Horine
4a	Advanced Drawing .....	2	18 hrs.	By Appt.	C&P	207	Horine
4b	Advanced Drawing .....	2	18 hrs.	By Appt.	C&P	207	Horine
<b>ELECTRICAL ENGINEERING</b>							
1	Elements of Electrical Eng.....	3	4	D	MH	202	Freeman
3	Alternating Currents .....	3	2	D	MH	202	Freeman
2	D. C. Dynamos .....	2	4	D	MH	209	Bureau
6	Elec. Equip. Problems.....	1.3		By Appt.	MH	104	Bureau
7	Dynamos Design .....	2.3	22 hrs.	By Appt.	MH		Bureau
9a	Electrical Lab. ....	1	5, 6	MWF	MH	108	Bureau
9b	Electrical Lab. ....	1	5, 6	MWF	MH	108	Bureau
8	Transformer Design .....	2		By Appt.	MH	104	Bureau
<b>ENGINEERING MECHANICS</b>							
1	Mechanics of Materials .....	5	1, 2	D	MH	201	Johnson
4	Kinematic Design .....	4	36 hrs.	By Appt.	MH		Jett
5	Slide Rule Practice .....	1	4	MWF	MH	208	Jett
6	Analytical Mechanics .....	5	3, 4	D	MH	201	Johnson
7	Machine Design .....	2.3	18 hrs.	By Appt.	MH		Jett
<b>MECHANICAL ENGINEERING</b>							
8	Steam Laboratory .....	2	5, 6, 7	TTh	MH	112	Watkins
12	Automotive Engineering .....	2	2	D	AS		Singer
<b>PRACTICAL MECHANICS</b>							
*7a	Wood Shop .....	2.7	24 hrs.	By Appt.	NS		Dicker and others
*7b	Wood Shop .....	2.7	24 hrs.	By Appt.	NS		Dicker and others
*8a	Forge, Machine & Auto Shops	2	18 hrs.	By Appt.	NS		Thurman and others
*8b	Forge, Machine & Auto Shops	2	18 hrs.	By Appt.	NS		Thurman and others

\*The Shops will be open from 8:00 a. m. to 12 noon, and from 1:30 to 4:30 p. m.

**COLLEGE OF LAW**

	Contracts (two terms) .....	2	8:25-9:15	D	Law	102	Evans
	Real Property .....	2	9:50-10:40	D	Law	102	Murray
	Constitutional Law (two terms)	2	8:25-9:15	D	Law	104	Chalkley
	Legal Ethics .....	2	11:15-12:05	D	Law	104	Evans
	Public Utilities .....	2	7:00-7:50	D	Law	104	Murray

COLLEGE OF EDUCATION

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ADMINISTRATION							
The following courses not open to freshmen & sophomores:							
101	School Organization .....	3	2	D	TS	231	Chamberlain
103	The Elementary School .....	3	3	D	TS	231	Hill
190a	The Registrar's Field of Adm... ..	2	By Appt.	D	A	102	Gillis
190b	Continuation of 190a.....	2	2	D	A	102	Gillis
The following courses open to graduate students only:							
207	School Bldgs. and Equipment..	3	4	D	TS	224	Chamberlain
S204a	The Adm. of Higher Education	2	3	D	A	6	McVey
210	Special Problems in Sch. Adm.	3	By Appt.	D	TS	232	Chamberlain
213	State and County Sch. Adm.....	3	2	D	TS	107b	Holloway
231	Financing Public Education .....	3	4	D	TS	231	Hill
232	High School Administration.....	3	1	D	TS	122	Ligon
AGRICULTURAL EDUCATION							
The following courses not open to freshmen & sophomores:							
179	Determining Content in Voc. Agr. ....	3	By Appt.	D	TS	Lab	Hammonds
(Offered first 2½ weeks.)							
188	Farm-Practice Supervision .....	1	By Appt.		TS	221	Armstrong
The following courses open only to graduate students:							
280	Method in Teaching Voc. Agri. ....	3	By Appt.	D	TS	Lab	Hammonds
(Offered second 2½ weeks)..							
287	Advanced Problems in Agr. Ed. Selecting Teach. Materials (Offered first 2½ weeks, repeated second 2½ weeks).....	3	By Appt.	D	TS	134	Woods
COMMERCIAL EDUCATION							
The following course not open to freshmen & sophomores:							
159	The Commercial Curriculum in the Secondary School .....	3	3	D	WH	205	Lawrence
EDUCATIONAL PSYCHOLOGY							
S16	Educational Psychology .....	2	1	D	TS	231	Patrick
The following courses not open to freshmen & sophomores:							
118	Tests and Measurements for El. Teachers .....	2	3	D	TS	222	Ross
122a	Tests and Measurements for Sec. Teachers .....	2	3	D	TS	122	Patrick
S147	Foundations of Secondary Ed. ....	2	4	D	TS	222	Ross
The following course open only to graduate students:							
S223	Statistical Methods .....	2	2	D	TS	222	Ross

COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ELEMENTARY EDUCATION							
37	Teaching Spelling, Writing & Language in the Elem. Sch.	2	1	D	TS	131	Duncan
40	Teaching Social Studies in the Upper Grades .....	2	11:30-12:20	D	TS	246	Conroy
42	Teaching Arithmetic in the Elementary School .....	2	11:30-12:20	D	TS	131	Leonard
44	Teaching Social Studies in the Primary Grades .....	2	7:20-8:10	D	TS	107b	Rogers
The following courses not open to freshmen & sophomores:							
S133	Directed Teaching in the Elementary School .....	3	2 or 3	D	TS		Duncan
172	Teaching Reading in the Elementary School .....	3	2	D	TS	131	Duncan
HOME ECONOMICS EDUCATION							
The following courses not open to freshmen & sophomores:							
160	Tech. of Teaching Home Econ.	3	1	D	TS	Lab	Spickard
164	Methods of Teaching Child Care .....	3	2	D	TS	Lab	Parker
168	Curriculum Construction in H. E. ....	3	3	D	TS	Lab	Spickard
178	Methods of Teaching Home Mgt. and Family Relations....	3	4	D	TS	Lab	Parker
HISTORY OF EDUCATION							
S10a	Moral and Esthetic Education	2	4	D	TS	150	Noe
The following course not open to freshmen & sophomores:							
S117a	History of Education .....	2	2	D	TS	150	Noe
The following course open to graduate students only:							
S219	Great Educators and Their Works .....	2	3	D	TS	150	Noe
PHILOSOPHY of EDUCATION							
The following course not open to freshmen & sophomores:							
S114	Educational Sociology .....	2	4	D	TS	122	Patrick
The following courses open only to graduate students:							
200	Philosophy of Education .....	3	3	D	TS	224	Adams
S222a	Thesis Course .....	2	3	D	TS	131	Taylor
227a	Principles of the Curriculum....	3	1	D	TS	224	Adams
SECONDARY EDUCATION							
The following courses not open to freshmen & sophomores:							
105	Technique of Teaching .....	3	2	D	TS	122	Ligon



COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
	SECONDARY EDUC.—Cont.						
153	Directed Teaching in English.....	5	By Appt.	D	TS	107	Anderson
154	Directed Teaching in the Languages .....	5	By Appt.	D	TS	101	West
155	Directed Teaching in the Sciences .....	5	By Appt.	D	TS	204	Kemper
156	Directed Teaching in Mathe- matics .....	5	By Appt.	D	TS	201	Crayton
157	Directed Teaching in the Social Sciences .....	5	By Appt.	D	TS	207	Peck
177a	Directed Teaching in Music.....	3	By Appt.	D	TS		Parker
186	Visual Instruction .....	2	2	D	TS	224	Clifton
	The following course open only to graduate students:						
226	The Junior High School .....	3	3	D	TS	107b	Holloway

COLLEGE OF COMMERCE

1a	Principles of Economics (Not open to freshmen) .....	3	2	D	WH	306	Palmer
*2	Econ. Hist. of Europe .....	3	1	D	WH	303	Jennings
*8	Economic Geography .....	3	4	D	WH	303	Carter
10	Principles of Marketing (Prerequisite, course 1a).....	3	3	D	WH	306	McIntyre
11	Salesmanship (Prereq., course 1a and consent of instructor)	3	2	D	WH	301	McIntyre
102	Labor Problems (Prereq., course 1a) .....	3	3	D	WH	207	Carter
124	State and Local Taxation (Prereq., course 1a) .....	3	1:30-2:45	D	WH	207	Martin
209	Comparative Banking and Monetary Systems (Prereq., course 1a) .....	3	4	D	WH	205	Wiest

**SECOND TERM**  
**COLLEGE OF ARTS AND SCIENCES**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>ANATOMY and PHYSIOLOGY</b>							
S1b	General Physiology .....	2	7:25-8:15	D	S	205	Lands
The following courses not open to sophomores:							
S105b <sub>1</sub>	{ Human Osteology, Lec., Rec. .... }	3	{ 11:15- 12:30	MWF	S	205	Lands
S105b <sub>2</sub>	{ Human Osteology, Lab..... }						
S107a	Advanced Anatomy .....	2	8:25-9:15	D	S	205	Lands
S107b	Advanced Anatomy .....	2	9:50-10:40	D	S	205	Lands
<b>ANCIENT LANGUAGES</b>							
*S3, 4, 5, 6	Cicero, Virgil, Horace, Livy.....	2	11:15-12:05	D	A	303	Jones
The following course not open to sophomores:							
S150b	Teachers' Course in Latin.....	2	7:25-8:15	D	A	303	Jones
S110a, b	Latin Literature (Selections)...	2	8:25-9:15	D	A	303	Jones
S121	Survey of Roman Civilization...	2	9:50-10:40	D	A	303	Jones
<b>ART</b>							
*S71a	Drawing and Painting .....	3	1, 2, 3	D	AC		Fisk
S73a	Drawing and Painting .....	3	2, 3, 4	D	AC		Fisk
<b>BACTERIOLOGY</b>							
*8	Bacteria in Relation to Man....	2	8:25-9:15	D	KH	B14	Weaver
The following courses not open to sophomores:							
106 <sub>1</sub>	Bacteriology of Foods, Lect. }	4	9:50-10:40	D	KH	B14	Weaver
106 <sub>2</sub>	Bacteriology of Foods, Lab... }						
110a	Laboratory Diagnosis, Lab.....	3	1, 2	D	KH	Sb12	Scherago
201b	Research in Bacteriology (Graduate students only) ....	5		By Appt.	KH	Sb11	Scherago
<b>BOTANY</b>							
*1b <sub>1</sub>	General Botany, Lec.-Rec.....	4	{ 9:50- 10:40	D	WH	101	McFarland
*1b <sub>2</sub>	General Botany, Lab. ....						
19	Dendrology, Lec.-Rec. ....	2	8:25-9:15	D	WH	101	McFarland
<b>CHEMISTRY</b>							
*1b	General Inorganic Chemistry...	5	7:25-11:05	D	KH	{ 111 200	} Mitchell and Assistant
7	Organic Chemistry .....	4	7:00-9:40	D	KH	{ 201 209 215	

\*Courses open to Freshmen.

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY—Continued							
8	Quantitative Analysis .....	5	7:25-12:30	D	KH	111 113	Bedford and Assistant
The following courses not open to sophomores:							
106	Advanced Organic Chemistry..	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis .....	5	7:25-12:30	D	KH	111 115	Bedford and Assistant
114	Quantitative Analysis .....	5	7:25-12:30	D	KH	111 115	Bedford and Assistant
204a	Organic Chemistry (Graduate students only) .....	5	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry (Graduate students only) .....	5	By Appt.	D	KH	215	Barkenbus
ECONOMICS							
9	Business Organization .....	3	4	D	WH	301	Rouse
*12	Econ. Geog. of North America	3	2	D	WH	303	Jennings
The following courses not open to sophomores:							
107	Statistical Method (not open to freshmen and sophomores) .....	3	1	D	WH	306	Palmer
134	Adv. Eco. History of the U. S. (Prerequisite, course 1a) ....	3	3	D	WH	303	Jennings
ENGLISH LANGUAGE AND LITERATURE							
*S1a	English Composition .....	2	7:25-8:15	D	McVH	210	Shannon
*S1b	English Composition .....	2	8:25-9:15	D	McVH	210	Shannon
S3b	History of English Literature..	2	9:50-10:40	D	McVH	210	Shannon
7a	Public Speaking .....	3	2	D	McVH	231	Sutherland
11a	Debate and Argumentation ....	3	3	D	McVH	231	Sutherland
The following courses not open to sophomores:							
107	Victorian Poets .....	3	3	D	McVH	204	Brady
123b	American Literature After 1860	3	3	D	McVH	203	Gallaway
124	The Renaissance .....	3	2	D	McVH	203	Gallaway
208	Carlyle (Graduate students only) .....	3	4	D	McVH	204	Brady
LIBRARY SCIENCE							
The following courses not open to freshmen or sophomores:							
126	Place, Function, Administration of High School Library..	2	3	D	UL	302	.....
132	Library Work with Children....	2	2	D	UL	302	.....
138	Methods of Teaching Use of Library. Prereq.: Eng. 133....	2	1	D	UL	302	.....
129	Cataloging and Classification....	2	1	D	UL	301	.....

\*Open to Freshmen.

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>GEOLOGY</b>							
S2b	Elementary Geology .....	2	8:25-9:15	D	S	203	Robinson
16b	Mineral Resources .....	2	9:50-10:40	D	S	203	Robinson
S18b	Elements of Geography .....	2	11:15-12:05	D	S	203	Robinson
<b>GERMAN</b>							
*1a	Elementary German .....	3	2	D	A	204	Melcher
*1b	Elementary German .....	3	2	D	A	204	Melcher
*2a	Intermediate German .....	3	3	D	A	204	Melcher
*2b	Intermediate German .....	3	3	D	A	204	Melcher
S3a	Composition and Reading .....	2	11:15-12:05	D	A	204	Melcher
S3b	Composition and Reading .....	2	11:15-12:05	D	A	204	Melcher
S4a	Adv. Reading and Composition	2		By Appt.	A	204	Melcher
S6	Scientif. and Journal. Ger. ....	2		By Appt.	A	204	Melcher
	Special arrangements will be made for students who cannot accommodate themselves to this schedule.						
<b>HISTORY</b>							
*S4b	Introduction to Modern Europe	2	7:25-8:15	D	A	205	Clyde
	The following courses not open to sophomores:						
S106	Latin America .....	2	9:50-10:40	D	E	204	Knapp
S120	Twentieth Century .....	2	8:25-9:15	D	A	205	Clyde
166b	Division and Reunion .....	2	7:25-8:15	D	E	204	Knapp
203	Federal Convention (graduate students only) .....	2	11:15-12:05	D	E	204	Knapp
182b	Historical Criticism .....	1	4	TTh	A	205	Clyde
205	United States in the Orient. (Graduate students only).....	2	3	{ MT } { WTh }	A	205	Clyde
<b>HYGIENE AND PUBLIC HEALTH</b>							
*1	General Hygiene .....	1.3	7:25-8:15	D	A	205	Heinz
	The following courses not open to sophomores:						
105	Advanced Hygiene .....	2	8:25-9:15	D	A	205	Heinz
S115	Epidemiology .....	2	11:15-12:05	D	A	205	Heinz
<b>JOURNALISM</b>							
S12	Feature Writing .....	2	7:25-8:15	D	McVH	54	Plummer
	The following courses not open to sophomores:						
S105	Law of the Press .....	2	8:25-9:15	D	McVH	54	Portmann
S108	History of Journalism (Srs.)....	2	9:50-10:40	D	McVH	54	Portmann

\*Open to Freshmen.

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
MATHEMATICS							
*S2	Solid Geometry .....	2	7:00-7:50	D	McVH	107	Chambers
*S5	College Algebra .....	4	8:25-10:15	D	McVH	107	Chambers
S6	Analytic Geometry .....	4	8:25-10:15	D	McVH	106	Pence
S7a	Differential Calculus .....	4	8:25-10:15	D	McVH	100	Davis
S7b	Integral Calculus .....	2	7:00-7:50	D	McVH	106	Pence
S105a	Differential Equation (Not open to sophomores) .....	2	7:00-7:50	D	McVH	100	Davis
MUSIC							
*4b	Public School Music Methods..	2	8:25-9:15	D	AC		Lampert
S15a to S18b	{ Applied Music. For "B. S. in Music" only .....	1	2 lessons	By Appt. per wk.	AC		By Arr.
S25b	Elementary Harmony .....	2	7:25-8:15	D	AC		Lampert
*21a	Sight Reading .....	1.5	9:50-10:40	D	AC		Lampert
*19b	History and Appreciation of Music .....	2	11:15-12:05	D	AC		Lampert
PHYSICS							
*1b	{ Gen. Elem. Phys., Lec.....	5	{ 7:25-8:15	D	C&P	200	Cleveland
*1b	{ Gen. Elem. Phys., Rec.....		{ 8:25-9:15	D	C&P	103	Cleveland
*1b	{ Gen. Elem. Phys., Lab.....		{ 9:20-11	MWF	C&P	203	Cleveland
*S51b	Intro to Phys., Lec.....	2	7:25-8:15	D	C&P	200	Cleveland
3b	Gen. Col. Phys., Lec. & Rec...	4	9:50-11:30	D	C&P	200	Koppius
S6	{ Meas. in Elec. & Mag. Lec...	2	{ 7:25-8:15	TTh	C&P	3	Koppius
	{ Meas. in Elec. & Mag., Lab..		{ 7:25-8:15	MWF			
			{ 8:25-9:15	{ MT			
				{ W			
				{ ThF			
S223b	General Physics (Graduate students only) .....	6		By Appt.			Koppius
	Graduate courses by appointment.						
POLITICAL SCIENCE							
*S15b	Problems of Citizenship .....	2	7:25-8:15	D	A	203	Cole
S51b	American Government .....	2	11:15-12:05	D	A	4	Walp
	The following courses not open to sophomores:						
S152	Municipal Government .....	2	8:25-9:15	D	A	4	Cole
154	County Government .....	3	1	D	A	4	
155b	Comparative Government .....	3	3	D	A	4	Holtzclaw
S160	American Foreign Service .....	2	8:25-9:15	D	A	4	Walp
S170	Political Parties .....	2	9:50-10:40	D	A	203	Cole
211	International Administrative Bodies (Graduate students only) .....	2	7:25-8:15	D	A	4	Walp

\*Open to Freshmen.

**COLLEGE OF ARTS AND SCIENCES—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
<b>PSYCHOLOGY</b>							
*S2a and b	General Psychology .....	4	7:30-9:20	D	NH	306	Asher
	The following courses not open to sophomores:						
S104	Social Psychology .....	2	11:15-12:05	D	NH	300	Asher
114	Abnormal Psychology .....	3	3	D	NH	300	White
110	Experimental Methods .....	3		By Appt.	NH	202	White
109b	Diagnosis of Development .....	2		By Appt.	NH	302	Asher
120b	Independent Work .....	2		By Appt.	NH	202	White
<b>ROMANCE LANGUAGES</b>							
*S1b	Elementary French .....	2	9:50-10:40	D	S	306	
*S2a, 2b	Intermediate French .....	2	7:25-8:15	D	S	306	
*S5b	{ Elementary Spanish .....	2	8:25-9:15	D	S	306	
*S7b	{ Intermediate Spanish .....						
<b>SOCIOLOGY</b>							
*S1b	Principles of Sociology .....	2	7:25-8:15	D	E	106	Best
	The following courses not open to sophomores:						
S106	American Immigration .....	2	8:25-9:15	D	E	106	Best
S109	The Family .....	2	9:50-10:40	D	E	106	Best
<b>ZOOLOGY</b>							
*1b <sub>1</sub>	General Zoology, Rec. ....	4	{ 8:50-9:40	D	S	108	Sherwood
*1b <sub>2</sub>	General Zoology, Lab. ....						
S3a	General Entomology .....	3	9:50-11:05	D	S	108	Allen
S11	Nature Study .....	3	7:25-9:40	D	S	105	Allen
110b	Independent Work (Not open to sophomores) .....	3		By Appt.	S	5	Sherwood

**COLLEGE OF AGRICULTURE**

<b>ANIMAL INDUSTRY</b>							
107	Sheep Production .....	3	1, 2	D	Agr.	303	Horlacher
					(August 6-22)		
S124	Adv. Study of Dairy Breeds....	3	1, 2	D	D	212	Ely
					(July 20-Aug. 5)		

**COLLEGE OF ENGINEERING**

<b>CIVIL ENGINEERING</b>							
21	Hydraulics .....	2	4	D	MH	201	Johnson

\*Open to Freshmen.

COLLEGE OF ENGINEERING—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ELECTRICAL ENGINEERING							
2	D. C. Dynamos .....	2	3	D	MH	202	Freeman
7	Dynamo Design .....	2.3	22 hrs. By	Appt.	MH	104	Freeman
3	Alternating Currents .....	3	4	D	MH	202	Barnett
9b	Electrical Lab. ....	1	5, 6	MWF	MH	108	Barnett
ENGINEERING MECHANICS							
6	Analytical Mechanics .....	5	2, 3	D	MH	201	Johnson

COLLEGE OF LAW

	Contracts (Continued) .....	2	8:25-9:15	D	Law	102	Randall
	Domestic Relations .....	2	9:50-10:40	D	Law	102	Moreland
	Constitutional Law (Continued) .....	2	8:25-9:15	D	Law	104	Chalkley
	Oil and Gas .....	2	7:00-7:50	D	Law	104	Moreland
	Quasi-Contracts .....	2	11:15-12:05	D	Law	104	Randall

COLLEGE OF EDUCATION

ADMINISTRATION							
The following courses not open to freshmen & sophomores:							
101	School Organization .....	3	1	D	TS	231	Chamberlain
125	Supervision of Instruction .....	3	3	D	TS	231	Hill
The following courses open only to graduate students:							
202	City School Administration ....	3	2	D	TS	224	Chamberlain
210	Special Problems in Sch. Adm. ....	3	By Appt.	D	TS	232	Chamberlain
231	Financing Public Education ....	3	2	D	TS	231	Hill
232	High School Administration ....	3	1	D	TS	107b	Ligon
AGRICULTUR'L EDUCATION							
The following course not open to freshmen & sophomores:							
188	Farm Practice Supervision.....	1	By Appt.	D	TS		Armstrong
The following courses open only to graduate students:							
280	Method in Teach. Vocational Agr. (Offered first 2½ wks.)	3	By Appt.	D	TS		Hammonds
287	Adv. Problems in Agricul. Ed. (Offered first 2½ weeks) ....	3	By Appt.	D	TS		Woods
COMMERCIAL EDUCATION							
The following course not open to freshmen & sophomores:							
158	Methods of Teaching Commercial Subjects in the Secondary School .....	3	3	D	WH	205	Lawrence

COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
	EDUCATION'L PSYCHOLOGY						
16	Educational Psychology .....	3	1	D	TS	222	Patrick
	The following courses not open to freshmen & sophomores:						
122a	Tests and Measurements for Sec. Teachers .....	2	2	D	TS	222	Patrick
122b	Tests and Measurements for Sec. Teachers .....	2	3	D	TS	122	Ross
S119	Foundations of Elem. Educa... The following course open only to graduate students:	2	4	D	TS	122	Ross
S223	Statistical Methods .....	2	2	D	TS	122	Ross
	ELEMENTARY EDUCATION						
37	Teaching Spelling, Writing and English .....	2	1	D	TS	131	Duncan
42	Teaching Arithmetic in the Ele. Sch. ....	2	2	D	TS	131	Leonard
44	Teaching the Social Studies in the Upper Grades .....	2	4	D	TS	246	Conroy
	The following courses not open to freshmen & sophomores:						
S172	Teaching Reading in the Elem. Sch. ....	2	3	D	TS	131	Duncan
S173	Teach. Literature to Children..	2	4	D	TS	131	Duncan
	HISTORY OF EDUCATION						
S10b	Moral and Esthetic Education.. The following courses not open to freshmen & sophomores:	2	4	D	TS	150	Noe
S117b	History of Education .....	2	3	D	TS	107b	Blackwell
S121	History of Ed. in the U. S..... The following course open only to graduate students:	2	3	D	TS	150	Noe
S220	Comparative Education .....	2	2	D	TS	150	Noe
	HOME ECONOMICS EDUCATION						
	The following courses not open to freshmen & sophomores:						
163	Current Problems in Home Ec. Ed. ....	3	2	D	TS	Lab	Parker, Spickard
165	Problems in Vocational Educ...	3	3	D	TS	Lab	Parker, Spickard
	PHILOSOPHY of EDUCATION						
	The following courses not open to freshmen & sophomores:						
S114	Educational Sociology .....	2	4	D	TS	107b	Blackwell



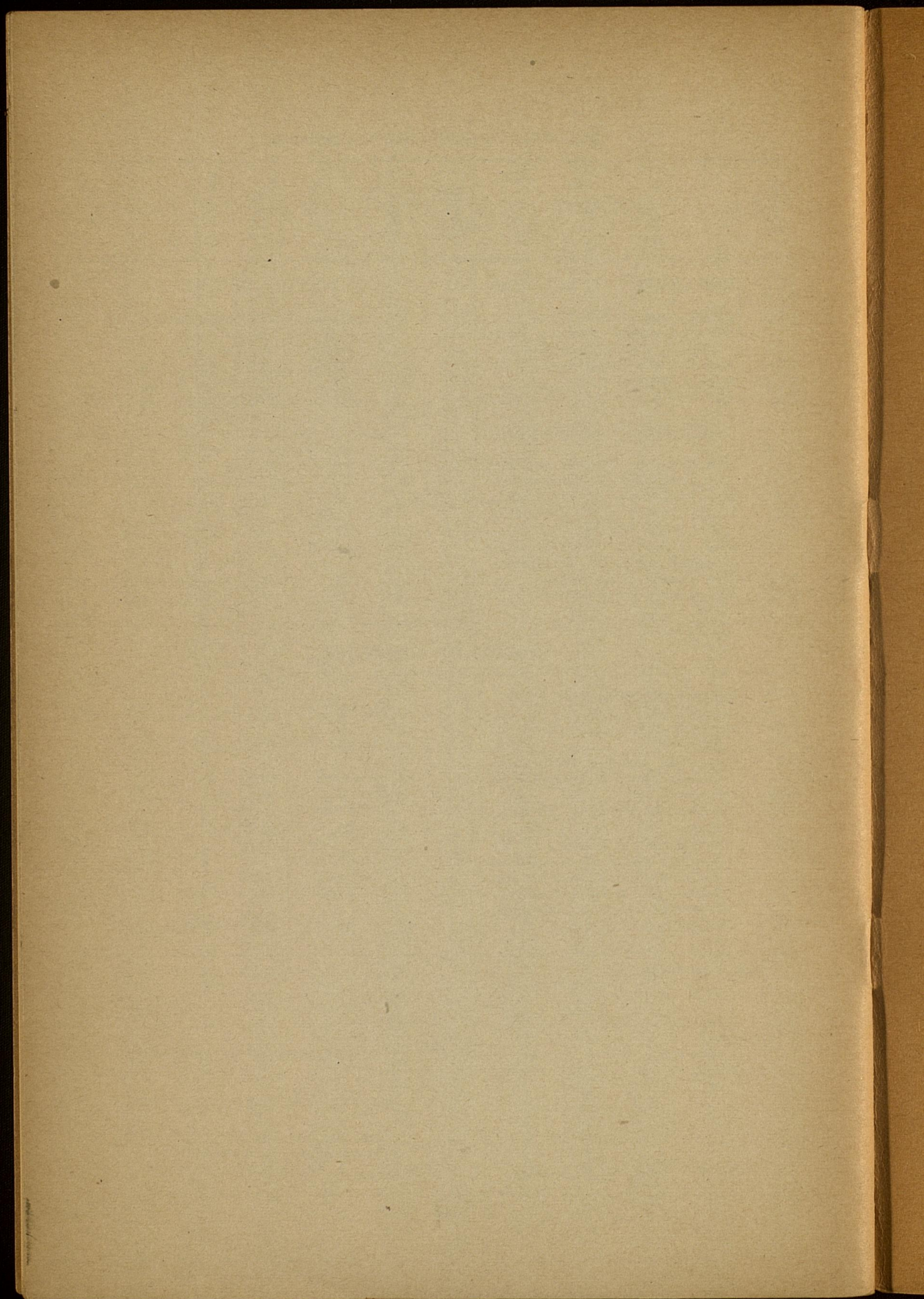
**COLLEGE OF EDUCATION—Continued.**

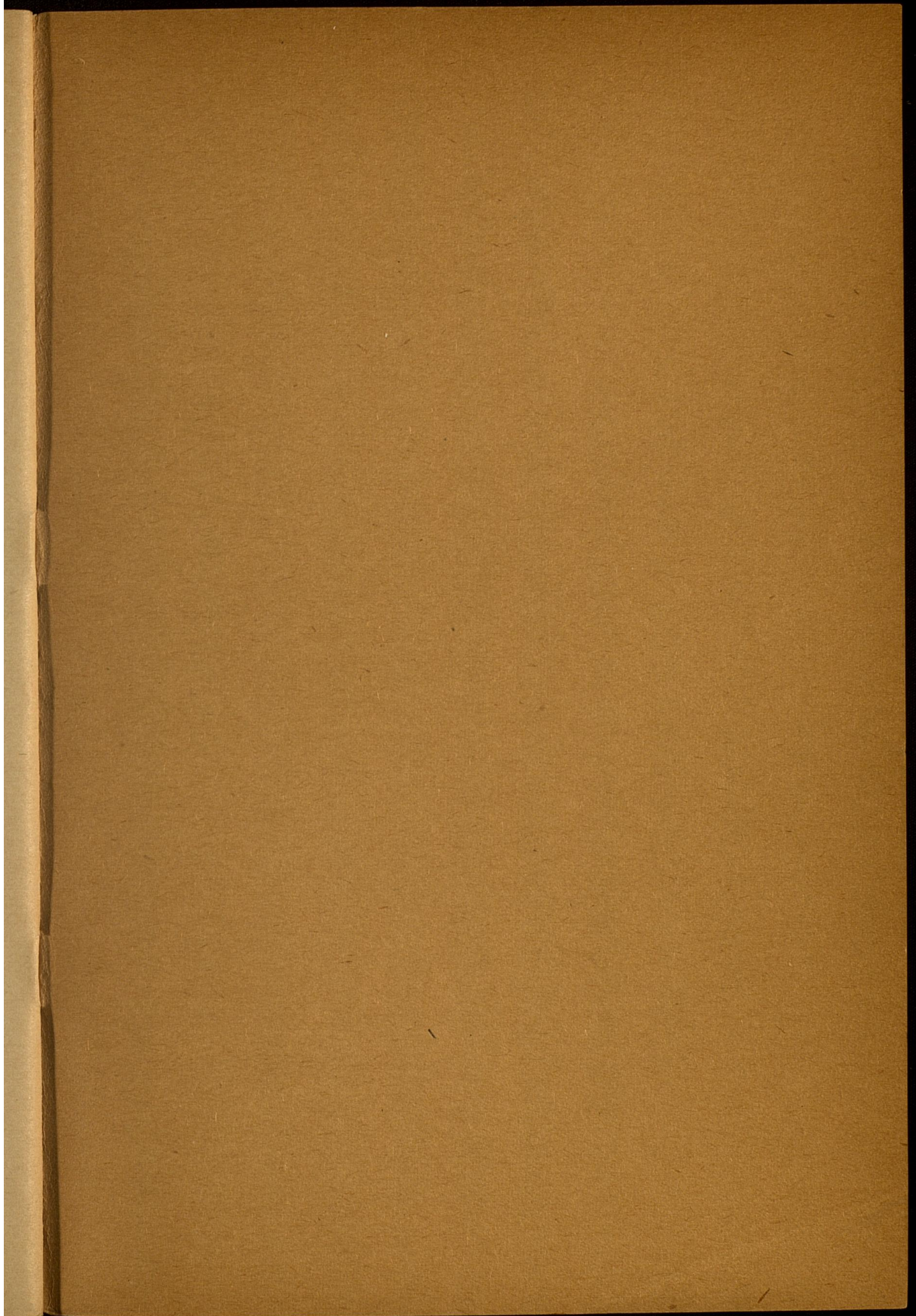
Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
	PHILOSOPHY of EDU.—Cont.						
140a	Philosophy of Education .....	2	1	D	TS	150	Blackwell
	The following courses open only to graduate students:						
205	Review of Educational Liter.....	3	3	D	TS	222	Adams
S222b	Thesis Course .....	2	3	D	TS	224	Taylor
230	Adv. Course in Educ. Sociology	3	1	D	TS	224	Adams
	SECONDARY EDUCATION						
	The following courses not open to freshmen & sophomores:						
105	The Technique of Teaching.....	3	4	D	TS	224	Ligon
149	Extra Curricular Activities in the High School .....	2	1	D	TS	122	Holloway
	The following courses open only to graduate students:						
S226	The Junior High School .....	2	4	D	TS	231	Holloway
S250	The Senior High School .....	2	2	D	TS	107b	Holloway

**COLLEGE OF COMMERCE**

9	Business Organization (Pre-requisite, course 1a) .....	3	4	D	WH	301	Rouse
*12	Economic Geography of North America .....	3	2	D	WH	303	Jennings
107	Statistical Method (Not open to freshmen & sophomores) ..	3	1	D	WH	306	Palmer
109a	Business Law .....	3	3	D	WH	301	Rouse
117	Corporation Finance (Prereq., course 1a) .....	3	2	D	WH	207	Lawrence
134	Adv. Economic History of U. S. (Not open to freshmen and sophomores, nor to students who have had course 3 except when doing graduate work) .....	3	3	D	WH	303	Jennings

\*Open to Freshmen.





## ORGANIZATION

UNIVERSITY OF KENTUCKY  
Lexington, Kentucky

FRANK L. McVEY, Ph. D., LL. D., President

### COLLEGE OF ARTS AND SCIENCES

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Courses in Agriculture and Home Economics  
Experiment Station  
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### UNIVERSITY EXTENSION DEPARTMENT

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For information regarding courses and catalogs, address Ezra L. Gillis, Registrar, University of Kentucky, Lexington, Kentucky.