

*Bulletin of the*

# UNIVERSITY OF KENTUCKY



## SUMMER SESSION, 1937

*First Term: June 14 to July 17*

*Second Term: July 19 to August 21*

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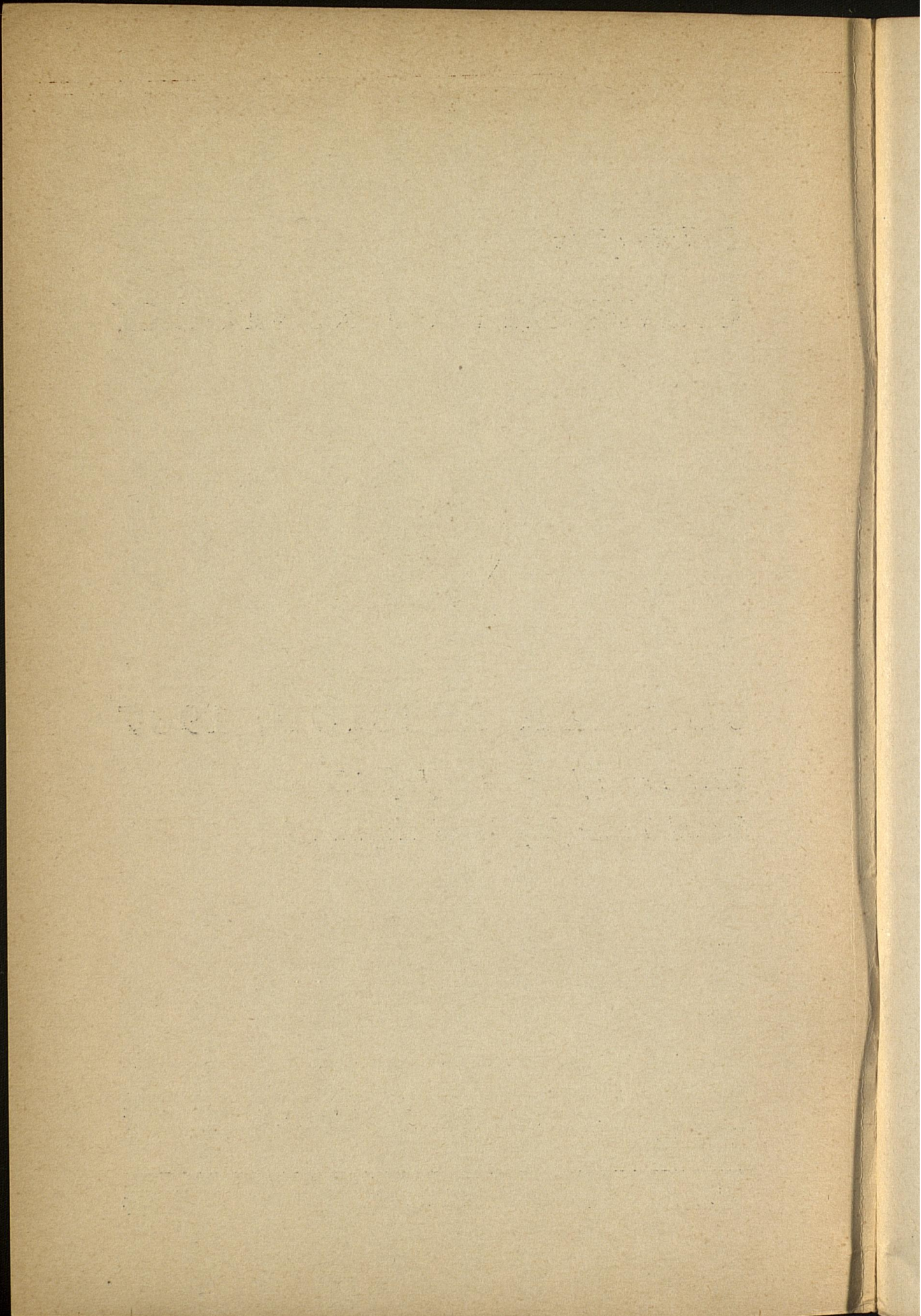
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BULLETIN  
OF THE  
University of Kentucky



SUMMER SESSION 1937

First Term: June 14 to July 17

Second Term: July 19 to August 21

UNIVERSITY ELEMENTARY SCHOOL

June 11 to July 16

UNIVERSITY HIGH SCHOOL

June 7 to July 23

PUBLIC HEALTH SCHOOL

June 14 to August 7



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## EXTRA-CURRICULAR EVENTS FOR THE 1937 SUMMER SESSION

The University believes that an important phase of the student's training in the Summer Session is the stimulation and culture received from a well arranged extra-curricular program. The following schedule of events for this coming summer has been arranged.

The schedule as given here is subject to revision and, it will be noted, in some instances is not yet complete.

### FIRST TERM

#### JUNE

Thursday 17, 9:50 a. m.	Convocation, Memorial Hall, President Frank L. McVey, speaker
Thursday 17, 7:30 p. m.	Faculty Reception for students
Friday 18, 3:30 p. m.	Dr. Sigmund Spaeth's Concert, Memorial Hall
Friday 18, 8:00 p. m.	Dr. Sigmund Spaeth's Concert, Memorial Hall
Wednesday 23, 4:00-6:00 p. m.	Tea at Maxwell Place, President and Mrs. McVey, hosts
Thursday 24, 7:00 p. m.	Band Concert, Amphitheatre, John Lewis, director
Saturday 26, 9:00-12:00 p. m.	Summer School Party, Patterson Hall
Monday 28, 8:00 p. m.	Visual Education program, College of Education Auditorium
Tuesday 29, 9:00 a. m.	Convocation, Memorial Hall, Dr. George D. Strayer of Columbia University, speaker
Tuesday 29, 4:00 p. m.	All-University Picnic for faculty and students
Wednesday 30, 4:00-6:00 p. m.	Tea at Maxwell Place, President and Mrs. McVey, hosts

#### JULY

Thursday 1, 7:00 p. m.	Band Concert, Amphitheatre, John Lewis, director
Wednesday 7, 4:00-6:00 p. m.	Tea at Maxwell Place, President and Mrs. McVey, hosts
Thursday 8, 11:00 a. m.	Convocation, Memorial Hall, Dr. Harry Elmer Barnes, speaker
Thursday 8, 2:30 p. m.	Blue Grass Tour
Thursday 8, 7:00 p. m.	Band Concert, Amphitheatre, John Lewis, director
Tuesday 13, 8:00 p. m.	Concert, Memorial Hall, Professor Carl Lampert, director
Wednesday 14, 4:00-6:00 p. m.	Tea at Maxwell Place, President and Mrs. McVey, hosts
Thursday 15, 7:00 p. m.	Band Concert, Amphitheatre, John Lewis, director



SECOND TERM

JULY

Wednesday 21, 4:00-6:00 p. m.	Tea at Maxwell Place, President and Mrs. McVey, hosts
Thursday 22, 7:30 p. m.	Little Symphony Concert, Memorial Hall, Professor Carl Lampert, director
Friday 23, 9:50 a. m.	Convocation, Memorial Hall, Utica Jubilee Singers
Friday 23, 8:00 p. m.	Utica Jubilee Singers' Program, Memorial Hall
Thursday 29, 7:30 p. m.	Little Symphony Concert, Memorial Hall, Professor Carl Lampert, director
Saturday 31, 9:00-12:00 p. m.	Summer School Party, Patterson Hall

AUGUST

Wednesday 4, 11:00 a. m.	Convocation, Memorial Hall
Thursday 5, 7:30 p. m.	Little Symphony Concert, Memorial Hall, Professor Carl Lampert, director
Thursday 12, 7:30 p. m.	Little Symphony Concert, Memorial Hall, Professor Carl Lampert, director
Friday 13, 9:00 a. m.	Convocation, Memorial Hall
Wednesday 18, 6:00 p. m.	Commencement Dinner
Thursday 19, 4:30 p. m.	Reception for graduates
Friday 20, 4:00 p. m.	Commencement, Memorial Hall



## SUMMER SESSION CALENDAR

Monday	June 14	Registration for first term.
Tuesday	June 15	Classes begin.
Friday	June 18	Last date for making changes in registration or in schedule without payment of fee.
Monday	June 21	Last date upon which a student may register for credit for the first term's work.
Monday	June 21	Last date upon which a student may be dropped without a grade.
Friday	June 25	Faculty meeting in McVey Hall, Room 111.
Saturday	July 3	Last date upon which a student may withdraw and receive a refund on matriculation fee for the first term.
Saturday	July 17	Examinations for the first term.
Monday	July 19	Registration for second term.
Tuesday	July 20	Classes begin.
Friday	July 23	Last date for making changes in registration or in schedule without payment of fee.
Friday	July 23	Last date for making application for a degree.
Monday	July 26	Last date upon which a student may register for credit for the second term's work.
Monday	July 26	Last date upon which a student may be dropped without a grade.
Friday	July 30	Faculty meeting in McVey Hall, Room 111.
Saturday	August 7	Last date upon which a student may withdraw and receive a refund on matriculation fee for the second term.
Friday	August 20	Commencement.
Saturday	August 21	Examinations for second term.



#### OFFICERS OF THE SUMMER SESSION

FRANK LEROND McVEY, Ph. D., LL. D., President.  
JESSE E. ADAMS, Ph. D., Director of the Summer Session.  
BILLY WHITLOW, A. B., Secretary of the Summer Session.

#### OFFICERS OF THE ADMINISTRATION

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EDWARD WIEST, Ph. D., Dean, College of Commerce.  
WILLIAM DELBERT FUNKHOUSER, Ph. D., Dean, Graduate School.  
LOUIS CLIFTON, M. A., Director of University Extension.  
THEODORE TOLMAN JONES, Ph. D., Dean of Men.  
SARAH BENNETT HOLMES, A. B., Dean of Women in the Summer Session.  
EZRA L GILLIS, A. B., Registrar.  
DAVID HOWARD PEAK, M. A., Business Agent.  
MARGARET ISADORE KING, A. B., Librarian.



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## GENERAL INFORMATION

### THE SUMMER SESSION

The University of Kentucky held its first summer session in 1903. From 1903 to 1913, certain instructors on the campus offered summer session work to students who needed training other than that of the regular year. This type of summer work however was often of an individual nature, largely dependent upon agreements between the student and his instructor. Beginning with the year 1913 the summer school became a more integral phase of the regular University work and was characterized by a much broader program of offerings. This increment in offerings and the number of faculty members has continued since that time.

One of the most interesting phases of the summer session at the University of Kentucky is the rapid growth in the graduate field. Of the 2,577 students enrolled in the 1936 session, 41 per cent of them were graduate students.

### THE BEAUTIES OF THE BLUE GRASS

The Blue Grass is a magic country full of scenic beauty, and rich in historical interest, romantic and traditional lore. Its ever-changing beauty of landscape and stately colonial mansions add to its charm.

Many of the vast horse farms, some individual establishments containing more than a thousand acres, are open to visitors throughout the year. These farms with their broad pastures, their sparkling streams, their woodlands of gigantic forest trees and their paved drives and roads provide Fayette County with a system of parks which is decidedly unique. In this enjoyable touring region one finds vast tobacco farms, meadow lands, wooded foothills, and deep-running streams and rivers, which, for beauty, are unsurpassed. Throughout the region one comes upon dignified old mansions, lovely gardens, groves of forest trees and mile after mile of stone walls which make the country-side both restful and refreshing.

In Lexington one will be impressed by the University of Kentucky; "Ashland," the home of Henry Clay; Gen. John Hunt Morgan's home; the home of Mary Todd, wife of Lincoln; the Lexington Cemetery with its monument to Henry Clay, and the resting place of many famous Kentuckians; the tobacco warehouses with their amazing size; the track of the Kentucky Trotting Horse Breeders' Association; Keeneland Race Track; the Kentucky Agricultural Experiment Station; Transylvania College, and Hamilton and Sayre Colleges.

"Idle Hour," "Elmendorf," "Walnut Hall," "Calumet," "Castleton,"



"Hamburg Place" (with its horse cemetery), "Dixiana," "Coldstream," and "Faraway" (home of Man o' War), are among the beautiful horse farms in Fayette County that are open to visitors. The new United States Veterans' Hospital, the new Federal Narcotic Farm, the Agricultural Experiment Station Farm, the old colonial homes in which Lafayette was entertained, Grimes Mill, Clay's Ferry hill, and Bryan Station add to the historical charm of this county.

Visiting the Blue Grass, students will be impressed by the Kentucky River palisades, Boone Tunnel, High Bridge, Camp Nelson, National Cemetery, Dix River Dam, Herrington Lake, old Shakertown, Fort Harrod and Pioneer Cemetery at Harrodsburg, Centre College at Danville, and Berea Mountain School at Berea. Within twenty-five miles of Lexington one can visit the state capital, Frankfort, and see the new capitol building, the old capitol building, the Kentucky Historical Society museum, and the state cemetery—burial place of Daniel Boone and a number of Kentucky soldiers and statesmen.

#### MUSEUM OF ANTHROPOLOGY AND ARCHAEOLOGY

The building erected in 1908 for a library has now been remodeled and is used as an archaeological museum. In it is displayed the material which has been secured by the Department of Archaeology in its explorations and excavations in Kentucky and in other parts of the country. The museum is particularly rich in prehistoric artifacts, especially in flints and pottery, and in skeletal remains which are displayed in their characteristic graves.

#### MUSEUM OF GEOLOGY

The Museum of Geology, devoted primarily to the geology of Kentucky, is located in the Administration Building, Room 201. Here are displayed the minerals and rocks of economic value to the state, geologically interesting formations, and representative material from without the state. Conspicuous among the exhibits are three cases displaying the extensive collection of cave formations collected from the well-known caves of Kentucky. A large exhibit of fossil life, not only of Kentucky but elsewhere, includes a great variety of types varying from Kentucky petrified wood and other fossil vegetation to specimens of marine forms once inhabiting this region.

#### SOCIAL LIFE IN THE SUMMER SCHOOL

One of the most attractive features of the summer session program is the extra-curricular side of the work. The University of Kentucky realizes that it is essential to meet the social needs of students in attendance at the summer school, as well as to provide for their intellectual requirements.

The extra-curricular offerings in past summers have been greatly appreciated by the students and widely attended. The extra-curricular



offerings in the 1937 Summer Session will include concerts, teas, dances, plays, tours, lectures, picnics, and convocations. For information on the extra-curricular program for 1937 see the calendar of social events on page 3 of this bulletin.

#### UNIVERSITY COMMONS

The University Commons will be open for summer school students this year. The food at the Commons is always of high quality and appetizing in character. Cafeteria patrons have the opportunity to choose well-balanced meals from a wide variety of hot and cold dishes or they may have the choice made for them in the form of plate luncheons and plate dinners. Food prices at the Cafeteria are the lowest to be had for the quality of food and service received.

#### PLACEMENT SERVICE

There is a constantly growing demand for the services of the graduates of the University of Kentucky. Placement services are maintained by the several colleges on the campus 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.

In the College of Commerce is the Senior-Commerce Employment Association which is self-supporting and is headed by a permanent secretary. Last year graduates were placed with nationally operating industrial concerns, credit investigating and reporting companies, wholesale houses, banks, insurance companies, and chain store companies. These positions included secretarial work, accounting, advertising, selling, personnel and statistical work.

The Placement Service of the College of Education is designed particularly to assist in the placement of superintendents, principals, and teachers. Each student in attendance at the University who desires a teaching position should register with the Placement Bureau Room 115, Education Building. Superintendents and college administrators who desire capable teachers should write direct to the bureau for recommendations and credentials.

The College of Engineering has a wide reputation for training its men well for successful careers in the engineering and industrial world. The demand for their services has been such that, with the exception of two or three years, all members of each class have been employed soon after graduation. The placement of engineering graduates is directed by the Dean of the College with the assistance of the heads of departments.

#### RECREATIONAL ACTIVITIES

The summer months are vacation and recreational time. Provision is made for summer session students to participate in numerous recrea-



tional activities and to learn the fundamental skills and techniques involved. The Physical Education Department is offering recreational courses for men and women students in Golf, Tennis, Tap Dancing, Social Dancing, Volley Ball, Archery, and Badminton. This is an opportunity for every summer session student to receive expert instruction in any or all of the above mentioned activities. If you are a novice it is your chance to learn, if an expert performer it is your chance to participate under wholesome and enjoyable circumstances.

The primary purpose of the recreational courses is to provide pleasant and profitable leisure time activity for all students and to improve their performance ability. Teachers and supervisors of physical education will find the courses valuable in organizing teaching material and methods. Recreational leaders and directors will get new ideas on promoting leisure time activities. All summer session students will find in the activities healthful and enjoyable opportunities.

For a schedule of the courses offered, see pages 48, and 68 of this bulletin.

#### COURSES IN PUBLIC HEALTH

The inception of the school for public health officers is a result of the cooperation of the State Board of Health and the State Health Officers together with the Department of Public Health at the University of Kentucky.

Courses offered in this department are designed to meet the needs of physicians, nurses and sanitary engineers in the field of health and related fields, and also to act as a means of disseminating knowledge in this field to university students and others.

The Department of Public Health offers courses leading to a degree in public health. The requirements in hours and residence work for a degree in this department are much the same as requirements for degrees in other departments of the University. For schedule see pages 44, 45, and 65.

#### EX-SERVICE MEN

Ex-service men who served in the World War, 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. Such application must be accompanied by the certificate of discharge.

#### THE UNIVERSITY ELEMENTARY SCHOOL AND THE UNIVERSITY HIGH SCHOOL

The University Schools will be in session during the first summer term only. The term for the Junior and Senior High School will begin June 7 and close July 23. The term for the Elementary School will



begin June 11 and close July 16. The Elementary School will be open from 8:30 to 12:00 daily, except Saturdays and Sundays.

Students desiring to register for Directed Teaching in junior or senior high school subjects should enroll with Mr. J. D. Williams on or before June 8. Students taking Directed Teaching in the Elementary School should enroll with Mrs. May K. Duncan on or before June 15. Application for this course should be made in advance since only a limited number of students can be accommodated.

Summer school students who have children have an opportunity to place them in the University Schools. Both the Elementary School and the High School maintain progressive programs of education that should be of interest to parents attending the University of Kentucky Summer Session. Persons desiring to avail themselves of the opportunities of the University Schools should write the director of the summer session requesting reservations for their children.

The University Schools will provide instruction in all subjects regularly offered in the schools of Kentucky. High school pupils may make one unit of credit toward their graduation requirements. This unit of work may be done in one subject or one-half of a unit may be done in each of two different subjects.

Pupils from any of the schools of the state will be permitted to enroll in the University Schools for the summer term. The tuition charge for high school pupils will be \$10.00 for one-half unit or \$15.00 for one full unit in the ninth, tenth, eleventh, and twelfth grades. The tuition charge for seventh and eighth grade pupils will be \$7.50.

The operation of the University Schools during the summer session offers a helpful opportunity to the following persons:

1. Pupils who wish to make an additional unit of credit. By attending summer school it is quite possible for a pupil to earn enough units to enable him to be graduated from high school in less than four years. Many alert, ambitious pupils will appreciate this opportunity.
2. Pupils who wish to carry more satisfactorily the work of an advanced grade. Many pupils who have not failed, but who have barely passed, by attending summer school can assure themselves of better success in the grade to which they have been promoted.
3. Pupils who wish to make up work in which they have failed during the regular school term.

#### LENGTH OF SESSION

The Summer Session of the University of Kentucky for 1937 will be ten weeks in length, six days a week, and will be divided into two terms, the first to begin June 14 and close July 17 and the second to begin July 19 and close August 21.

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.

### 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 social welfare service, including playground directors.
10. Music supervisors and prospective band directors.
11. Persons desiring special courses in library science.
12. Persons who desire to fit themselves for teaching or supervision in the commercial field.
13. Public health officers.
14. Physicians, nurses and sanitary engineers who desire to become public health officers.
15. Athletic directors and coaches.

### ADMISSION

Students will be admitted to the University as their previous training warrants. They will be admitted to the freshman class, to ad-



vanced 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 School.

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 the College of Education.* To be admitted to the College of Education a student shall meet the following requirements:

- a. At least junior standing.
- b. A standing of at least 1.0 (average of C on all previous work).

*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 recog-



nized standing. Applicants from institutions other than this University are required to file with the Registrar 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 the entrance examinations.

#### 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.

#### 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, but 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 committee on scholarship and attendance. Persons entering five days late will be required to carry one credit less than the amount specified above.

#### FEES

*Tuition Fee.* The tuition fee for each college, with the exception of the College of Law and the Department of Health, is \$22.75 a term where a load of more than 3 hours is carried. Students registering



for 3 hours or less will be charged \$5.00 per credit-hour, with a minimum registration fee of \$10.00. In the College of Law the fee is \$27.50. In the Department of Health the fee for health officers is \$75.00 for 8 weeks and for nurses and sanitary engineers \$50.00 for 8 weeks.

*Change in Registration Fee.* 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 \$1.00. 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.

#### REFUNDS

During the first week after the opening of either term of the summer session, students withdrawing from the University may receive a refund on the amount paid in fees, not to exceed 70 per cent of all fees paid. During the second week a refund of 50 per cent may be secured and during the third week a refund of 30 per cent. In no case shall the amount refunded exceed 70 per cent and in no case will refunds be made after the first three weeks.

#### LATE REGISTRATION

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 21 nor for the second term's work after July 26.

#### 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 credit the student's standing is 1 or more.

E—Failure, valued at 0 points and no credit.

I—Incomplete.

X—Absent from examination.

WP—Withdrew passing.

WF—Withdrew failing.



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

Application for a room in the 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.

Rooms in the women's residence halls range in price from \$11.75 per person in a double room to \$14.00 for a single room. Bed linen is included in this price but students should bring their own blankets, towels and dresser scarfs. Room assignments will be made in order of application. No room is held for the first term after 7 p. m., June 14, or later than July 19 for the second term, unless special arrangements are 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.

Rooms for men in Breckinridge and Bradley Halls cost \$10.00 a term for each person in a room; rooms in Kinkead Hall cost \$12.50 a term for each person in a room. Bed linen is included. Reservations not claimed by June 14 and July 19, the opening dates for the first and second terms, 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 \$10.00 up; single rooms from \$12.50 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 held at the offices of the Department of Hygiene.



## REQUIREMENTS FOR GRADUATION

### 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 with at least one semester of the work 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. and B. S.	*127	Semester hours
B. S. in Agriculture	*139.3	Semester hours
B. S. in Home Economics	*133.7	Semester hours
A. B. or B. S. 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	*157	Semester hours

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.

\* With equal numbers of quality points.

\*\* The standing of a student is the ratio of his total number of points to his total number of credits.



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 courses 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.

Students who expect to complete their work for a degree during the first term should make formal application in the Office of the Registrar during the first week of the term. Candidates for degrees entering the second term must file application not later than Friday, July 23. No applications for graduation in August will be received after this date. 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 the University is not responsible for carrying over applications from one session to another.

NOTE TO STUDENT.—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.

#### COLLEGE OF ARTS AND SCIENCES

The college plans to meet the needs of various classes of students. They may be listed under the following heads:

1. General cultural courses with majors and fields of concentration, leading to the degrees of A. B. and B. S.

2. Professional courses in industrial chemistry, leading to the degree of B. S. in Industrial Chemistry; in journalism, leading to the degree of A. B. in Journalism; in music, leading to the degree of B. S. in Music; and in bacteriology, leading to the degree of B. S. in Medical Technology.

3. Professional courses in which the general requirements for the A. B. and B. S. degrees are fulfilled.

4. Pre-professional courses meeting the requirements for admission to professional schools.



5. Combined courses, by means of which students may save a year or more in gaining both the A. B. or B. S. and a degree in Agriculture, Engineering, Law, Education, Commerce, Medicine, Dentistry.

6. Graduate courses leading to the Master's and Doctor's degrees in the Graduate School.

*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—Lower Division*

GENERAL REQUIREMENTS

Matriculation Lectures	.3 credits
Military Science (Men)	5.6 credits
Physical Education	2.8 credits
Hygiene	1.0 credit
English	*6 to 12 credits

GROUP REQUIREMENTS. 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. Social Studies, 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.

*Upper Division—Junior and Senior Years*

FIELD OF CONCENTRATION. Forty credits are to be elected subject to the approval of the student's adviser and the Dean of the College, and must be in courses not open to freshmen.

MAJOR. At least 15 credits of the required 40 field credits must be in one department, the major department, exclusive of courses open to freshmen. However, the major department may require more than the minimum 15. A minimum of 6 credits is required as a prerequisite for a major in any department.

THE FOUR GENERICALLY RELATED FIELDS ARE: 1. Literature, Philosophy and the Arts. 2. Social Studies. 3. Physical Sciences. 4. Biological Sciences.

\*12, if only 3 units entrance.



**TUTORIAL WORK AND COMPREHENSIVE EXAMINATIONS.** Students majoring in the departments of Anatomy and Physiology, Ancient Languages, Economics, Geology, German, Journalism, Mathematics and Astronomy, Philosophy, Physical Education, Physics, Political Science, Romance Languages, Sociology, and Zoology will be required to schedule tutorial courses as specified by their major departments and to take final comprehensive examinations covering their major work. Passing the comprehensive examinations is a prerequisite for graduation for major students in these departments. If a student fails to graduate because of failure in this examination, he may be given another examination when his major department is satisfied that he has made sufficient additional preparation.

**RESIDENCE RULE.** The last semester of the Senior year must be spent in residence in this college. The last year must be spent in residence at the University.

## COLLEGE OF AGRICULTURE

### 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	42.0 credits
Prescribed subjects, agriculture	35.3 credits
Electives required in agriculture	27.0 credits
Free electives	35.0 credits
	<hr/>
Total	139.3 credits

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 29. The free electives may be in agriculture or in any department in the University, thus giving the student ample opportunity to become acquainted with many fields of knowledge.

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. Upon recommendation of the department in which a student is majoring, the Dean may permit work in the field of the student's major interest to be substituted for farm experience.

The College of Agriculture offers opportunity for major work in the following fields: Agricultural entomology, animal husbandry, crops, dairying, extension, farm economics, farm engineering, high school teaching, general horticulture, ornamental horticulture, markets and rural finance, plant pathology, poultry and soils.

The Federal Vocational Education Act passed by Congress in 1917 makes provision for the training of teachers of vocational education



in agriculture for schools below college grade. The University of Kentucky has been designated as one of the institutions in the state to train white teachers for this work.

Students who complete the work for a bachelor's degree in agriculture and who present fifteen credits in education meeting the approval of the staff in agricultural education will be entitled to a state certificate to teach agriculture on a vocational basis in the public schools of Kentucky.

#### HOME ECONOMICS

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.

These credits are classified as follows:

Prescribed non-home economics	53.8 credits
Prescribed home economics	45.0 credits
Assemblies	.9 credits
Electives required in home economics	4.0 credits
Free electives	30.0 credits
	<hr/>
Total	133.7 credits

The curriculum as outlined is for the student who desires a general course. With the proper electives, it offers opportunity for training for any one of the many phases of home economics. Major work may be taken in the following fields: Home economics education, dietetics and institution management, textiles and clothing, child care and development, general home economics, and extension work in home economics. Students who complete the work for a bachelor's degree in home economics and who present fifteen credits in education meeting the approval of the staff in home economics education will be entitled to a certificate to teach home economics on a vocational basis in the public schools of Kentucky.

#### COLLEGE OF ENGINEERING

*Organization.* The College of Engineering embraces the following departments: Civil and Architectural Engineering, Engineering Drawing, Electrical Engineering, Engineering Mechanics, Mechanical Engineering, Mining and Metallurgical Engineering, and Practical Mechanics.

*Admission.* For admission to the freshman class in the College of Engineering, applicants should present one and one-half units in Algebra, one-half unit in Solid Geometry, and one unit in Physics, other requirements being the same as specified for admission to the freshman class in general. Applicants meeting all of the general requirements, but deficient in Algebra, Solid Geometry or Physics, will be admitted to the freshman class, but will be required to take extra



courses designed to remove the deficiencies. It is desirable, but not obligatory, that applicants also have high school credit in Chemistry and Trigonometry.

*Courses of Study and Degrees.* The College of Engineering offers instruction leading to the following baccalaureate degrees:

Bachelor of Science in Architectural Engineering  
Bachelor of Science in Civil Engineering  
Bachelor of Science in Electrical Engineering  
Bachelor of Science in Mechanical Engineering  
Bachelor of Science in Metallurgical Engineering  
Bachelor of Science in Mining Engineering

The courses of study leading to these degrees are identical during the freshman year. The freshman courses cover such subjects as Chemistry, Drawing, English, Mathematics, Physics and Practical Mechanics, which are essential to every branch of engineering. This gives the student the benefit of one year of training in fundamental subjects before he is required to choose between the different fields.

#### COLLEGE OF LAW

The summer session in the College of Law consists of two five-week terms, each of which is complete in itself, although some courses are offered which continue throughout the session.

The summer session is a regular part of the work of the school, and the same quantity and quality of work is required as in the regular session. An effort has been made to provide a full program, not only for the beginning students, but also for those who have completed part of a law course. Approximately one-third of the year's work can be completed in a summer session so that by attending three summer sessions a student may complete the full three-year course in two calendar years.

The courses in the College of Law for the summer session are planned with special reference to three types of students. First, students who desire to shorten the three-year period by study during the summer; second, public school teachers who desire to know something about the law either for their own benefit or for the purpose of advising students; third, lawyers, probate judges, and prosecuting attorneys who desire either to complete their work for a degree or to become acquainted with recent developments of the law.

#### COLLEGE OF EDUCATION

The College of Education is authorized to grant two degrees: A Bachelor of Arts in Education and a Bachelor of Science in Education.

To be admitted to the College of Education a student shall meet the following requirements:

- a. At least junior standing.



b. A standing of at least 1.0 (average of C on all previous work).

For a degree in education the student is required to present a total of 127 credits with a standing of 1.0.

*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 .....	12 credits
Science .....	12 credits
Social Science .....	12 credits
Mathematics .....	6 credits
or	
Foreign Language .....	6-12 credits
Psychology .....	6 credits
Hygiene for Teachers .....	2 credits
Physical Education .....	1.4 credits
Military Science (Men) .....	5.6 credits

Total .....57 to 63 credits

2. TEACHING MAJORS

Two Teaching Majors .....	24 credits each
or	
One Teaching Major .....	24 credits
Two Teaching Minors .....	18 credits each

3. PROFESSIONAL MAJOR

Introduction to Education .....	3 credits
Fundamentals of Secondary Education .....	3 credits
Tests and Measurements .....	3 credits
School Organization .....	3 credits
Directed Teaching .....	6 credits

Total ..... 18 credits

4. FREE ELECTIVES .....12 to 28 credits
5. TOTAL CREDITS REQUIRED ..... 127



## SUGGESTED FOUR-YEAR CURRICULUM FOR ELEMENTARY TEACHERS

### FRESHMAN YEAR\*\*

First Semester	Crs.	Second Semester	Crs.
Eng. 1a—English Composition..	3	Eng. 1b—English Composition..	3
Hist. 5a—History of U. S. ....	3	Hist. 5b—History of U. S. ....	3
P. S. 15—Problems of Citizen- ship .....	3	Psychology 1—Elem. Psych. ....	3
Hygiene 9—Hyg. for Teachers..	2	Art—Elective .....	2
Music 4a—Music in Prim. Gra..	2	Music 4b—Mus. in Intern. Gra..	2
P. E. 1a—Physical Education ...	.7	P. E. 1b—Physical Education... .7	.7
Science .....	3	Science .....	3
	16.7		16.7

### SOPHOMORE YEAR\*\*

First Semester	Crs.	Second Semester	Crs.
Eng. 3a—Survey of Eng. Lit. ..	3	Art 10—Public School Art .....	2
Geol. 24a—Elements of Geog. ..	3	English 3b—Survey of Eng. Lit. 3	3
Psych. 7—Child Psychology .....	3	Geol. 24b—Elements of Geog. ....	3
Hist. 4a—Hist. of Mod. Eur. ....	3	Hist. 4b—Hist. of Mod. Europe 3	3
Science .....	3	Science .....	2
P. E. 14—Plays and Games .....	1	Elective .....	3
	16		16

### JUNIOR YEAR

First Semester	Crs.	Second Semester	Crs.
Ed. 44—Fund. of Elem. Ed. ....	5	Soc. 1b—Prin. of Soc. ....	3
Ed. 42—Teaching Arithmetic .....	3	Hyg. 110—Health Educ. ....	3
Econ. 15—Economic Problems ..	3	Ed. 172—Teaching Reading .....	3
H. E. 16—Elementary Nutrition 3	3	Ed. 20—Industrial Arts .....	2
Hist. 40—Hist. of Kentucky .....	2	Ed. 196—Teaching Science .....	3
	16	Elective .....	2
			16

### SENIOR YEAR

First Semester	Crs.	Second Semester	Crs.
Ed. 173—Children's Lit. ....	3	*Ed. 133—Directed Teaching (either semester) .....	10
*Ed. 133—Directed Teach. in Elem. Grades (either semester) .....	10	Zool. 108b—Heredity .....	2
Ed. 118—Tests and Meas. for Ele. Teachers .....	2	†Ed. Elective .....	3
Electives .....	0	Electives .....	0
	15		15

\* The student may take only 6 credits in addition to Educ. 133, and these classes must come either at the first hour or late afternoon. Students having 3 credits in practice teaching take Educ. R133, 6 credits.

Kindergarten majors omit Educ. 196 and Educ. 127a and take the following courses:

Ed. 174—Pre-School Theory and Management (junior year).

Ed. 176—Pre-School Organization and Teaching (junior year).

Kindergarten majors may substitute a music elective course for Music 4b.

\*\* The first two years of this curriculum are included here merely for guidance of the student. Before admission to the junior year the student must present standing and should have completed as many as possible of the requirements specified in the freshman and sophomore years of this curriculum.

† Transfer students will be required to take a minimum of three semester hours in elementary education at the University of Kentucky before enrolling for practice teaching.



## COLLEGE OF COMMERCE

The degree of Bachelor of Science in Commerce is conferred upon students who meet the requirements of any one of the four curricula offered by the College of Commerce. The minimum number of credits required for graduation under the General-Business Curriculum, the Combined Commerce-Law Course and the Secretarial-Training Course, is 127, while under the Industrial-Administration Curriculum it is 142. The scholarship standing must be at least "1". Unless two units in the ancient or foreign languages are offered for entrance, one year of language in college is required for graduation under all curricula except the Industrial-Administration. Regardless of these minimum requirements all commerce students are urged to take one year of foreign 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 22.) 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.

*Residence Credit.* A graduate student must carry at least four credits in each term of the summer session to be entitled to full residence credit for that term.

*Application for Graduate Degrees.* Applications for degrees must be made at least four weeks before the date of commencement. These applications are made at the office of the Registrar of the University.

*Requirements for the Master's Degree.* Candidates for the degree of Master of Arts or Master of Science are required to complete 24 credits of graduate work of which two-thirds is in a major and one-third in a minor field, spend a full year in residence, present an acceptable thesis, have a reading knowledge of one modern foreign language and pass a final oral examination.

*Requirements for Professional Degrees.* The professional degree of M. A. or M. S. in Education, M. S. in Agriculture, Home Economics, Commerce and Engineering may be secured with the same requirements except that there is no language requirement and that 20 additional credits and 18 additional weeks may be offered in lieu of a thesis.

*General Requirements for a Master's Degree.* All candidates for any master's degree must have completed the equivalent of a B. A. or



B. S. degree in a fully accredited institution. Part-time residence either during a regular semester or in the summer session is computed on the basis of one and one-half weeks of residence for each credit earned. No credit for advanced degrees is allowed for correspondence or extension work and no transferred credits are accepted toward a master's degree.

*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, History, 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 the candidate's 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.



FIRST TERM



## SCHEDULE OF LECTURES AND RECITATIONS

### EXPLANATIONS AND ABBREVIATIONS

Colleges are arranged according to the order of their establishment 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; AC, Art Center; AE, Agricultural Engineering; Agr., Agriculture; AG, Alumni Gymnasium; Arm., Armory; BH, Boyd Hall; C&P, Civil Engineering and Physics; D, Dairy; E, College of Education and Associated Schools; E. Eng., East Engineering; ES, Experiment Station; FEL, Farm Engineering Laboratory; FH, Frazee Hall; GA, Gym Annex; KH, Kastle Hall; LB, Law Building; McVH, McVey Hall; M, Mining; Mem., Memorial Hall; MH, Mechanical Hall; ML, Mining Laboratory; Mus., Museum; NH, Neville Hall; NS, New Shop; PH, Patterson Hall; S, Science; S. Eng., South Engineering; SF, Stoll Field; SL, Serum Laboratory; SP, Stock Judging Pavilion; UL, University Library; WG, Women's Gymnasium; WH, White Hall.

### RECITATION HOUR

*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.

\* Two-hour courses are held for fifty minutes each day, instead of the regular recitation hour of 1 hour and 15 minutes.



**FIRST TERM—SUMMER 1937  
COLLEGE OF ARTS AND SCIENCES**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>ANATOMY AND PHYSIOLOGY</b>							
Requirements for a Major. Prerequisites: Anatomy and Physiology 1a, 1b, or 2a, 2b; Chemistry 1a, 1b; Zoology 1a, 1b; Physics, one year. Required: Anatomy and Physiology 105, 116a, 116b, and 8 additional credits of advanced work in Anatomy and Physiology with comprehensive examination.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
1a	General Physiology .....	3	2	D	S	205	Sherwood
The following course not open to freshmen and sophomores:							
106	Introduction to Endocrinology (Designed for teachers) .....	3	3	D	S	205	Sherwood
<b>ANCIENT LANGUAGES</b>							
Requirements for a Major. Prerequisites: First two years of college Latin. Required: A minimum of 15 credits of Ancient Languages.							
Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work.							
*S3, S4 S5, S6	Cicero, Virgil, Livy, Horace.....	2	By Appt.	D	A	303	Jones
The following courses not open to freshmen and sophomores:							
150a	Teacher's Course in Latin (Based on first year work)....	2	1	D	A	303	Jones
S109a, b	Latin Literature (Selections)...	2	2	D	A	303	Jones
S121	Survey of Roman Civilization (in English) .....	2	3	D	A	303	Jones
<b>ANTHROPOLOGY AND ARCHAEOLOGY</b>							
The following course not open to freshmen and sophomores:							
101	Principles of Anthropology .....	2	3	D	Mus.	1	Funkhouser
<b>ART</b>							
Requirements for a Major. Lower Division: 10 credits in Drawing and Design or Introduction to Art. Upper Division: 21 credits minimum—9 to 12 credits in studio courses, 9 to 12 credits in History of Art courses.							
Requirements in Field of Concentration: Forty credits of advanced work including Art, in Field of Literature, Philosophy and the Arts. Majors in Art are expected to acquire a reading knowledge of French or German.							
*10	Public School Art .....	2	4	D	E	170	Haines
*S1a	Drawing and Painting .....	2	5, 6, 7	D	AC	19	Rannells
*S1b	Drawing and Painting .....	2	5, 6, 7	D	AC	19	Rannells

\* Open to freshmen.



FIRST TERM—SUMMER 1937  
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	No. Cfs.	Hour	Days	Bldg.	Room No.	Instructor
ART—Continued							
S3a	Adv. Drawing and Painting.....	2	5, 6, 7	D	AC	19	Rannells
S3b	Adv. Drawing and Painting.....	2	5, 6, 7	D	AC	19	Rannells
30a	Introduction to Art .....	2	3	D	AC	18	Rannells
The following course not open to freshmen and sophomores:							
139a	History of Modern Art .....	3	4	D	AC	18	Rannells
BACTERIOLOGY							
Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52, or 102. Required: Two credits in Seminar, plus an additional 13 credit-hours of advanced work in Bacteriology, including Bacteriology 125.							
Requirements in Field of Concentration: Forty credits in the Biological Sciences Field, including the major work.							
Medical Technology Course. A four-year course leading to the degree B. S. in Medical Technology is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories and to fit the especially adapted student for either commercial or research laboratory work in bacteriology. It also meets all the requirements of the United States Civil Service Commission for the rank of Junior Bacteriologist (30 credits in Bacteriology).							
The University of Kentucky is registered as an approved school for laboratory technicians by the Board of Registry of the American Society of Clinical Pathologists, and by the Council on Education of the American Medical Association. Graduates of this course who may desire to enter medical school will have all the requirements of the American Medical Colleges for entrances to all Class A medical schools, provided they take two years of foreign language.							
56 <sub>1</sub>	Bacteriology of Foods, Lec.....	4	3	D	KH	B14	Weaver
56 <sub>2</sub>	Bacteriology of Foods, Lab.....	4	4	D	KH	Sb11	Weaver
The following courses not open to freshmen and sophomores:							
102 <sub>1</sub>	General Bacteriology, Lec. ....	4	1	D	KH	B13	Scherago
102 <sub>2</sub>	General Bacteriology, Lab. ....	4	2	D	KH	Sb12	Weaver
103 <sub>1</sub>	Pathogenic Bacteriology, Lec. }	4	2	D	KH	B13	Scherago
103 <sub>2</sub>	Pathogenic Bacteriology, Lab. }	4	3	D	KH	Sb12	Scherago
110a	Laboratory Diagnosis .....	3	By Appt.	D	KH	Sb12	Scherago
The following courses open to graduate students only:							
201a	Research in Bacteriology .....	5	By Appt.	D	KH	Sb11	Weaver
203a <sub>1</sub>	Public Health Bacteriology, Lec. ....	3	By Appt.	D	KH	B13	Scherago
203a <sub>2</sub>	Public Health Bacteriology, Lab. ....	3	By Appt.	D	KH	Sb12	Scherago
206 <sub>1</sub>	Bacteriology of Foods, Lec.....	4	By Appt.	D	KH	B14	Weaver
206 <sub>2</sub>	Bacteriology of Foods, Lab.....	4	By Appt.	D	KH	Sb11	Weaver

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
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**BOTANY**

**Requirements for a Major. Prerequisites:** Botany 1a, 1b; Zoology 1a, 1b. **Required:** Botany 6, 15, 103, 125a, 125b; a minimum of 15 credits of advanced work in Botany.

**Requirements in the Field of Concentration:** Forty credits in the Field of Biological Sciences, including the major work, in courses not open to freshmen.

*1a <sub>1</sub>	General Botany (Lec. & Rec.)	4	1	D	WH	101	McFarland
*1a <sub>2</sub>	General Botany (Lab.)	2	2, 3	D	WH	101	McFarland
19	Dendrology (Tree Study)	2	4	D	WH	101	McFarland
The following courses not open to freshmen and sophomores:							
103	Plant Physiology (Lec. & Lab.)	4	1, 2	D	WH	102	McInteer
107	Morphology of Algae (Lec. and Lab.)	3	3, 4	D	WH	102	McInteer

**CHEMISTRY**

**Requirements for a Major. Prerequisites:** Junior standing; Chemistry 1a, 1b, 4, 8. **Required:** Chemistry 109, 127a, 127b, and either 101 or 131a and 131b.

**Requirements in Field of Concentration:** Forty credits of advanced work in the Field of Physical Sciences, including the major work.

**Note.**—For outline of course leading to degree of "B. S. in Industrial Chemistry" consult University catalog.

*1a	General Inorganic Chemistry	5	1, 2, 3, 4	D	KH	101	} Mitchell
					KH	201	
					KH	209	
4	Qualitative Analysis (Prereq. Chemistry 1b.)	4	1, 2, 3, 4	D	KH	111	} Stewart
7	Organic Chemistry (Prereq. Chemistry 1b.)	4	1, 2, 3	D	KH	B1	} Barkenbus
					KH	214	
					KH	215	
The following courses not open to freshmen and sophomores:							
103	Qualitative Organic Analysis (Prereq. Chemistry 127b.)	5	By Appt.	D	KH	215	Barkenbus
106	Advanced Organic Chemistry	5	By Appt.	D	KH	215	Barkenbus
The following courses open to graduate students only:							
204a	Organic Chemistry (Prereq. Chemistry 106.)	5	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry (Prereq. Chemistry 106.)	5	By Appt.	D	KH	215	Barkenbus

**ECONOMICS**

**Requirements for a Major. Prerequisites:** Junior standing; six credits in Economics, including Course 1. **Required:** A minimum of 17 credits of advanced work in Economics, including Course 9, if not taken as a prerequisite, and Courses 102 or 130, 104 or 124 and 105; remainder of credits to be selected from the Arts and Sciences list of economics courses numbered above 100. In addition, tutorial Courses 16a and 16b must be taken in the senior year to prepare for the comprehensive examination.

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>ECONOMICS—Continued</b>							
<b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Social Studies, including the major work.							
1	Principles of Economics .....	3	4	D	WH	306	Carter
*2	Economic History of Europe....	3	2	D	WH	303	Jennings
7a	Principles of Accounting, Lec.	4	1	D	WH	306	Tolman
	Principles of Accounting, Lab.			By Appt.	WH	401	Tolman
9	Forms of Business Org. ....	3	2	D	WH	306	Tolman
The following courses not open to freshmen and sophomores:							
102	Labor Problems .....	3	3	D	WH	306	Carter
	(Prereq. Course 1.)						
104	Public Finance .....	3	6	D	WH	303	Sullivan
	(Prereq. Course 1.)						
107	Statistical Method .....	3	5	D	WH	401	Palmer
	(Prereq. Course 1.)						
The following course open only to graduate students:							
203	History of Economic Thought..	3	4	D	WH	205	Wiest
<b>ENGLISH</b>							
<b>Requirements for a Major. Prerequisites:</b> Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 18 credits of advanced work in English.							
<b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work.							
*1a	English Composition .....	3	1	D	McVH	210	Yates
*1b	English Composition .....	3	2	D	McVH	213	Langford
3a	History of English Literature..	3	3	D	McVH	210	Yates
The following courses not open to sophomores:							
111b	English Novel after Scott .....	3	2	D	McVH	200	Knight
123b	American Literature after 1860	3	3	D	McVH	200	Knight
125	Pronunciation of Modern English .....	3	1	D	McVH	213	Dantzler
151	Robert Browning .....	3	3	D	McVH	213	Dantzler
155a	Contemporary English Poetry..	3	3	D	McVH	231	Farquhar
156	Expressive Reading .....	3	1	D	McVH	206	Hollister
157	Teaching of Speech and Oral English .....	3	3	D	McVH	206	Hollister
The following course open to graduate students only:							
210a	Seminar .....	3	4	D	McVH	231	Farquhar
<b>GEOLOGY</b>							
<b>Requirements for a Major. Prerequisites:</b> Geology 22a, 22b. Required: Geology 15a, 15b, 9a, 9b, 19a, 19b, 101a, 101b, 106a, 106b, 109a, 109b, 117a, 117b, 118a, or 118b. Field Work: An early summer field trip. Geology 118a, or 118b, is required of							

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>GEOLOGY—Continued</b>							
<p>major students for graduation. This covers two weeks work in the Appalachian Mountains and coastal plain. Local field work is offered throughout the year, and it is recommended that all major students take a summer course in field geology and geological methods. Such courses varying from four to six weeks in length are offered by a number of institutions.</p> <p>Students majoring in Geology are required to enroll in tutorial courses during the senior year and pass a final comprehensive examination in the department.</p> <p><b>Requirements in the Field of Concentration:</b> Forty credits in the Field of Physical and Biological Science, including the major work in courses not open to freshmen.</p>							
*14a	Elementary Field Geology .....	1	1-5 p. m.	W			McFarlan
*14c	Elementary Field Geology .....	1	1-5 p. m.	Th			Young
*24a	Elements of Geography .....	3	4	D	S	203	Robinson
*24b	Elements of Geography .....	3	3	D	S	203	Robinson
The following courses not open to freshmen or sophomores:							
120a	Geology of Kentucky .....	3	2	D	S	203	McFarlan
118a-d	Field Work in Regional Geology .....	2	(June 5-19)				McFarlan and Young
<b>GERMAN LANGUAGE AND LITERATURE</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; German 1a, 1b, 2a, 2b. Required: German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination.</p>							
*1a	Elementary German .....	3	2	D	A	205	Bigge
*1b	Elementary German .....	3	2	D	A	205	Bigge
2a	Intermediate German .....	3	3	D	A	205	Bigge
2b	Intermediate German .....	3	3	D	A	205	Bigge
3a	Selected Readings .....	3	By Appt.	D	A	205	Bigge
6a	Scientific German .....	3	By Appt.	D	A	205	Bigge
The following courses not open to freshmen and sophomores:							
102a	Twentieth Century Literature..	3	By Appt.	D	A	205	Bigge
105a-d	Independent Work .....	3	By Appt.	D	A	205	Bigge
<b>HISTORY</b>							
<p><b>Requirements for a Major. Prerequisites:</b> History 2a, 2b, or 4a, 4b; or 5a, 5b. Required: A minimum of 18 credits of advanced courses in History, which should include Historiography and Criticism.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits in Social Studies, including History.</p>							
*S1a	Ancient History .....	2	1	D	FH	204	Oliver

\* Open to freshmen.



FIRST TERM—SUMMER 1937  
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor	
HISTORY—Continued								
*S4a	Modern Europe to the French Revolution .....	2	1	D	FH	301	Lunde	
*S5a	History of the U. S. to 1860.....	3	2	D	FH	302	Clark	
40	History of Kentucky .....	2	3	D	FH	301	Clark	
The following courses not open to freshmen and sophomores:								
119b	Europe in the 19th Century.....	2	2	D	FH	204	Lunde	
120	Twentieth Century (Second 2½ weeks) .....	3	3, 4	D	FH	302	Barnes	
171	Europe in the 18th Century (Not offered in 1938) .....	2	4	D	FH	204	Lunde	
142	Adv. History of Kentucky (Not offered in 1938) .....	2	1	D	FH	302	Clark	
184	Geographic Basis of American History .....	2	1	D	FH	304	Knapp	
(Prerequisite: 8 hours of American History.)								
The following courses open only to graduate students:								
281	American Historiography .....	2	2	D	FH	304	Knapp	
365	American Civil War .....	3	4	D	FH	304	Knapp	
282	Historical Criticism .....	2	2	D	FH	202	Barnes	
(Second 2½ weeks.)								
HYGIENE AND PUBLIC HEALTH								
Courses open to college students:								
*1	Personal and Community Health .....	1	2	D	McVH	109	Heinz	
*9	Hygiene for Teachers .....	2	3	D	McVH	104	Heinz	
The following courses not open to freshmen and sophomores:								
100a	Public Health .....	3	4	D	McVH	104	Heinz	
S110	Health Education and Supervision of Schools .....	2	1	D	McVH	128	Chambers	
Courses open to Public Health Nurses (June 14–Aug. 7.) :								
104	Maternal and Child Health .....	2	5	MWF	McVH	109	Griffin	
110	Health Education and Supervision of Schools .....	2	1	D	McVH	128	Chambers	
S124a	Public Health Nursing .....	2	2	D	McVH	107	Rood	
S124b	Public Health Nursing .....	2	3	D	McVH	107	Rood	
Courses for Sanitary Inspectors:								
102	Practical Sanitation .....	4	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <span>10:00–</span> <span>12:00</span> <span>2:00–</span> <span>4:00</span> </div> </div>	D	McVH	107	Scherago	

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>HYG. &amp; PUB. HEALTH—Cont.</b>							
S115	Epidemiology and Communicable Diseases ..... (June 14–July 3.)	2	{ 8:00– 10:00 }	D	McVH	128	Hamilton
200	Courses for Health Officers: Epidemiology and Communicable Diseases ..... (June 14–August 7.)	2	{ 10:00– 12:00 }	TThS	McVH	111	Chambers
202	Rural and Urban Sanitation .... (June 14–August 7.)	2	2:00–4:00	{ MT WTh }	McVH	111	Cheek and Handorf
204	Maternal and Child Health..... (June 14–August 7.)	2	{ 10:00– 12:00 }	MWF	McVH	109	Griffin
212a	Public Health Administration.. (June 14–August 7.)	2	{ 10:00– 12:00 }	MWF	McVH	111	Mustard
212b	Public Health Administration.. (June 14–August 7.)	2	{ 10:00– 12:00 }	TThS	McVH	109	Mustard
218	Vital Statistics ..... (June 14–July 17.)	2	{ 8:00– 10:00 }	D	McVH	111	Reed
220	Mental Hygiene ..... (June 14–August 7.)	1	2:00–4:00	MTW	McVH	109	Rogers
223	Public Health Records ..... (June 14–July 3.)	1	2:00–4:00	TTh	McVH	107	Cawood
230	Seminar ..... (July 14–August 7.)	1	2:00–4:00	F	McVH	111	Staff
<b>JOURNALISM</b>							
Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108, 90a, 90b.							
Requirements in the Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work in courses not open to freshmen.							
Comprehensive Examinations: Each major in journalism is required to pass a final comprehensive examination at the end of his senior year. Each major is required to enroll in Tutorial Work, 90a, and 90b, during his senior year.							
The Degree of A. B. in Journalism: Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. (For outlines, see University catalog.)							
*S1a	Reporting .....	2	2	D	McVH	50	McLaughlin
*S1b	Reporting .....	2	3	D	McVH	50	McLaughlin
(Prerequisite 1a.)							
The following courses not open to freshmen and sophomores:							
111	Verbal Criticism .....	3	2	D	McVH	54	Grehan
118	Publicity for Schools and Social Service Agencies .....	3	3	D	McVH	54	Plummer
125	Magazine Article Writing .....	3	4	D	McVH	54	Plummer

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>LIBRARY SCIENCE</b>							
Requirements for a Major. Prerequisites: Senior standing. Required: Thirty credits or full curriculum advised.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts (or acceptable equivalent), including the major work.							
The following general courses not open to freshmen and sophomores:							
105	Reading Guidance .....	2	2	D	UL	313	Doerr
107	Function and Use of the Library in the School .....	2	1	D	UL	313	Doerr
The following professional courses not open to freshmen and sophomores:							
150b	Advanced Book Selection .....	2	2	D	UL	313	King
(May not be offered again.)							
144	Library Records and Methods .....	2	4	D	UL	314	Ethell
126	Administration .....	3	2	D	UL	314	Ethell
129a	Classification and Cataloging .....	3	5	D	UL	314	Baker
129b	Advanced Cataloging .....	2	1	D	UL	314	Baker
(Prerequisite 129a.)							
133a	Reference and Bibliography .....	3	1	D	UL	313	Smith
133b	Advanced Reference .....	2	3	D	UL	314	Smith
(Prerequisite 133a.)							
<b>MATHEMATICS</b>							
Requirements for a Major. Prerequisites: Courses 17, 18, 19, 20a, 20b will count on the major if taken in the junior year. Required: A minimum of 18 credits of advanced work in mathematics in upper division, including courses in the fields of algebra, geometry, analysis and applications. Major students are required also to enroll in tutorial courses, 1 credit a semester through the junior and senior years, and to pass a final comprehensive examination in mathematics.							
Requirements in the Field of Concentration, Upper Division: Forty credits in the Field of Physical Sciences, including the major work, in courses not open to freshmen.							
*S14	Mathematics of Finance .....	3	1	D	McVH	104	LeSturgeon
*17	College Algebra .....	3	2	D	McVH	129	Boyd
20a	Diff. Calculus .....	4	7:25-9:05	D	McVH	106	Latimer
The following courses not open to freshmen and sophomores:							
102	Vector Analysis .....	3	2	D	McVH	104	LeSturgeon
S104	Adv. Analytics .....	2	{ 9:50- 10:40 }	D	McVH	106	Latimer
123	Curve Tracing .....	3	4	D	McVH	129	Boyd

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>MUSIC</b>							
<b>Requirements for a Major:</b> Junior standing; Music 21a-b, 24, 25a-b, 35a-b, Psychology 1. <b>Required:</b> Music 4a-b, 11a-b, 12a-b, 19a-b, 26, 30a-h; a minimum of 15 credits of advanced work in Music.							
<b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work.							
*15a-18b	Applied Music for B. S. in Music only (Violin, Organ, Piano) .....	3	By Appt.		AC		Lampert, J. Lampert, Cullis
*21a	Sight Reading .....	2	By Appt.		AC		
*S35a-h	Applied Music for A. B. (Piano) .....	1	By Appt.		AC		J. Lampert
*S36a-h	Applied Music for A. B. (Violin) .....	1	By Appt.		AC		Lampert
*39a-d	Mixed Chorus .....	1	5	D	AC	8	Lampert
The following courses not open to freshmen:							
4a <sub>1</sub>	Public School Music .....	2	4	D	AC	7	M. Lewis
4a <sub>2</sub>	Public School Music (B. S. in Mus. and Mus. Majors) .....	2	By Appt.		AC		M. Lewis
4b	Public School Music .....	2	3	D	AC	7	M. Lewis
9a	Organization and Training of Musical Groups (Strings), B. S. only .....	2	1	D	AC	8	Lampert
9b	Organization and Training of Musical Groups (Brasses), B. S. only .....	2	3	D	AC	24	J. Lewis
14a	Organization and Training of Musical Groups (Woodwinds), B. S. only .....	2	4	D	AC	24	J. Lewis
14b	Organization and Training of Musical Groups (Conducting and Orchestration), B. S. only .....	2	3	D	AC	8	Lampert
19a	History and Appreciation of Music .....	2	4	D	AC	8	Lampert
S25a	Elementary Harmony .....	2	2	D	AC	8	J. Lewis
28a	Concert Band .....	1	3 p. m.	D	AC	8	J. Lewis

**Advanced Courses:** More advanced courses such as are listed for residence work in the University catalog will be given upon demand.

**PHILOSOPHY**

**Requirements for a Major. Prerequisites:** Junior standing; 6 credits in Philosophy. **Required:** A minimum of 15 credits of advanced work in Philosophy; Philosophy 35a, b; a comprehensive examination in the senior year.

**Requirements in Field of Concentration:** Forty credits of advanced work, including the major courses, which may be elected in either (1) the Field of Literature, Philosophy and the Arts, or (2) the Field of Social Studies.

\* Open to freshmen.



FIRST TERM—SUMMER 1937  
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PHILOSOPHY—Continued							
21	Introduction to Philosophy .....	3	1	D	FH	205	Kuiper
The following course not open to freshmen and sophomores:							
120	Great Religions of the World....	3	3	D	FH	205	Kuiper
PHYSICAL EDUCATION							

**Requirements for a Major. Prerequisites:** Junior standing; Psychology 7; Anatomy and Physiology 2a, 2b. **Required:** Physical Education 29, 128, 124, 120. A minimum of 15 credits of advanced work in Physical Education.

**Requirements in Field of Concentration:** Forty credits of advanced work in the Field of Biological Sciences, including the major work.

14	Elementary Plays and Games..	2	4	D	WG		Hackensmith
The following courses not open to freshmen and sophomores:							
120	Physical Diagnosis and Medical Gymnastics .....	3	2	D	FH	105	Potter
124	History and Philosophy of Physical Education .....	2	1	D	FH	105	Hackensmith
128	School Programs of Physical Education .....	3	3	D	FH	106	Potter
S131	Advanced Basketball .....	1.5	10-12	D			Rupp
S142	Advanced Football .....	1.5	1:30-2:30	D			
148	Organization and Administration of Athletics .....	3	3	D	FH	201	Shively
190	Technique of Officiating Athletic Contests .....	3	4	D	FH	106	Shively
The following course open only to graduate students:							
200	Graduate Seminar in Physical Education .....	2	7-9 p. m.	MTW	MG		Hackensmith

The following activities are offered without credit and without additional tuition fees to regular summer session students. The activities are primarily designed for those who wish to acquire certain skill and teaching technique in the respective sports as well as to provide enjoyable recreational activities for the summer session group. Students should sign up for the courses or course of their choice with Mr. Bernie Shively during the regular classification period or in the Physical Education office in the Gymnasium Annex during the first week of school.

Archery (men and women) .....	3:00-4:00	TTh	WG
Badminton (men and women)..	1:30-2:30	TTh	GA
Golf (men) .....	1:30-2:30	MWF	MG
Golf (women) .....	2:30-3:30	MWF	MG
Tennis (men) .....	2:30-3:30	MWF	GA
Tennis (women) .....	1:30-2:30	MWF	GA
Tap Dancing (men) .....	2:30-3:30	TTh	WG
Tap Dancing (women) .....	1:30-2:30	TTh	WG
Social Dancing (men & women)	4:00-5:00	TTh	WG
Volley Ball (men) .....	12:30-2	MWF	GA

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>PHYSICS</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; Physics 2a, 2b; Mathematics 17, 18, 19. <b>Required:</b> Mathematics 20a, 20b; Physics 15a, b, c; a minimum of 15 credits of advanced work in Physics; a comprehensive examination in the senior year.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Physical Sciences, including the major work.</p>							
*51a	Introduction to Physics, Lec.....	3	1	D	C&P	200	Koppius
*1a <sub>1</sub>	Gen. Elem. Physics, Lec.....	5	1	D	C&P	200	Koppius
*1a <sub>2</sub>	Gen. Elem. Physics, Rec.....		2	TThS	C&P	107	Koppius
*1a <sub>11</sub>	Gen. Elem. Physics, Lab.....	5	8:25-10:15	MWF	C&P	201	Grad. Asst.
2a <sub>1</sub>	Gen. Col. Physics, Rec. ....			2	D	C&P	103
2a <sub>11</sub>	Gen. Col. Physics, Lab. ....		3, 4	MTWThF	C&P	105	Pardue and Assistant
<p>The Department of Physics in the Summer Session is anxious to serve the needs of the graduate students. For this reason, the following courses are tentatively listed, and others will be offered in their stead if necessary, and if the enrollment in the department justifies it. For courses other than the ones listed below consult the graduate bulletin.</p>							
<p>The following courses not open to freshmen and sophomores:</p>							
S104	Theoretical Mechanics .....	3	1	D	C&P	103	Pardue
117	Theory of Heat .....	3	4	D	C&P	103	Koppius
<b>POLITICAL SCIENCE</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; Political Science 15, 51. <b>Required:</b> Political Science 190a and 190b; a minimum of 15 credits of advanced work in Political Science; and a comprehensive examination in the senior year.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Social Studies, including the major work.</p>							
*15	Problems of Citizenship .....	3	2	D	A	301	Blanding
<p>The following courses not open to freshmen and sophomores:</p>							
150	International Law (Will not be offered in 1938) .....	3	4	D	A	203	Vandenbosch
159c	The Constitution Today (June 14-June 30) .....	1	2:30-3:30	D	A	203	Corwin and others
178a-d	Independent Work .....	1	By Appt.				Staff
180a-d	Independent Work .....	3	By Appt.				Staff
<p>The following courses open only to graduate students, and will not be offered in 1938:</p>							
204	International Organization and the League of Nations .....	3	2	D	A	203	Vandenbosch
213	Federal Centralization .....	3	3	D	A	302	Trimble

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>PSYCHOLOGY</b>							
<b>Requirements for a Major. Prerequisites:</b> Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. <b>Required:</b> The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 15 of the 40 credits in the Field must be courses in Psychology not open to freshmen.							
*1	Elementary Psychology .....	3	2	D	NH	306	Miner
7	Psychology of the Child .....	3	4	D	NH	306	Asher
The following courses not open to freshmen and sophomores:							
104	Social Psychology .....	3	2	D	NH	304	White
111	Mental Measurements .....	3	2	D	NH	300	Asher
114	Abnormal Psychology .....	3	3	D	NH	304	Dimmick
113	Psychology of Learning .....	3	By Appt.		NH	204	White
121	Student Personnel .....	3	3	D	NH	205	Miner
122	Personality Maladjustments .....	3	4	D	NH	304	Dimmick
The following courses open only to graduate students:							
203a or b	Problems in Psychology .....	2	By Appt.		NH	200	Staff
<b>ROMANCE LANGUAGES</b>							
<b>Requirements for a Major. Prerequisites:</b> For French, R. L. 1a-b, 2a-b, 6a-b, 3a-b or 8a-b and 4a-b or 5a-b. For Spanish, 1a-b or 4a-b, 5a-b, 7a-b, 9a-b and 10a-b. <b>Required:</b> A minimum of 17 credits of advanced work in Romance Languages; for seniors 80a-b and the comprehensive examination at the end of the year.							
<b>Requirements in the Field of Concentration:</b> Forty credits in the Field of Literature, Philosophy and the Arts, including the major work in courses not open to freshmen.							
*S1a	Elementary French .....	2	2	D	S	307	Schick
*S1b	Elementary French (Cont.) .....	2	2	D	S	307	Schick
*S5a	Elementary Spanish .....	2	2	D	S	306	Holmes
*S5b	Elementary Spanish (Cont.) .....	2	2	D	S	306	Holmes
S2a	Intermediate French .....	2	3	D	S	306	Holmes
S2b	Intermediate French (Cont.) .....	2	3	D	S	306	Holmes
S6a	French Novel and Drama .....	2	3	D	S	306	Holmes
S7a	Intermediate Spanish .....	2	2	D	S	306	Holmes
S8a	French Phonetics .....	2	3	D	S	307	Schick
3a	French Conversation and Composition .....	2	3	D	S	307	Schick
The following courses not open to freshmen and sophomores:							
S112a	Spanish Literature of the XIX Century .....	2	4	D	S	306	Holmes
S109a	French Literature of the XIX Century .....	2	4	D	S	307	Schick
114a	Independent Work .....	3	4	D	S	306 307	Holmes Schick

\* Open to freshmen.



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>SOCIOLOGY</b>							
Requirements for a Major. Prerequisites: Junior standing; Sociology 1a, 1b. Required: A minimum of 15 credits of advanced work in Sociology; Sociology 20a, b. Comprehensive examination in senior year.							
Requirements in Field of Concentration: Credits to the number of 40 in advanced work in the Field of Social Studies, including the major work.							
*1a	Principles of Sociology .....	3	1	D	FH	106	Best
	The following courses not open to freshmen and sophomores:						
101	Social Dependence .....	3	2	D	FH	106	Best
112	Community Organization .....	3	4	D	FH	105	Lawson
	The following course open only to graduate students:						
213	Introduction to Social Case Work .....	3	3	D	FH	105	Lawson
<b>ZOOLOGY</b>							
Requirements for a Major. Prerequisites: Zoology 1a and 1b. Required: Zoology 7a and 7b (or 157a and 157b), 106, 108a and 108b, 114a, 114b; passing a comprehensive examination which will correlate the several zoological sub-sciences.							
Requirements in Field of Concentration: Forty credits in the Field of Biological Sciences, including the major work in courses not open to freshmen.							
*11	Nature Study .....	3	2	MTThF	S	108	Allen
	(Field Work by Appointment)						
	WS						
*25	General Animal Biology .....	3	3	D	S	103	Brauer
	The following courses not open to freshmen and sophomores:						
101a	Histology .....	3	3	D	S	5	Brauer
102	Ornithology .....	3	1	MTThF	S	108	Allen
	(Field Work by Appointment)						
	WS						
108a	Principles of Zoology (Evolution) .....	2	4	D	Mus.	1	Funkhouser
Note.—For Anthropology see Anthropology and Archaeology.							

**COLLEGE OF AGRICULTURE**

<b>AGRICULT'L ENTOMOLOGY</b>							
10	Agr. Entomology .....	3	4	D	AE	106	W. A. Price
102	Adv. Agr. Entomology .....	3	3	D	AE	106	W. A. Price
	Adv. Agr. Entomology (Lab.)						
<b>AGRONOMY</b>							
105	Advanced Crops .....	3	1, 2	D	Agr.	304	Fergus
	(July 1-17.)						

\* Open to freshmen.



FIRST TERM—SUMMER 1937  
COLLEGE OF AGRICULTURE—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ANIMAL INDUSTRY							
17	Breeds of Livestock .....	3	1	D	SP	106	Horlacher
21	Market Classes and Grades.....	2	3	D	SP	106	Good
119	Genetics .....	3	4	D	Agr.	303	Anderson
120	Systems of Livestock Pro- duction .....	3	2	D	SP	106	Horlacher
S124	Adv. Study of Dairy Breeds....	3	1	D	D	212	Ely
	Adv. Study of Dairy Breeds (Lab.) .....						
FARM ENGINEERING							
101a	Special Problems .....	3	1, 4	D	AE	201	Kelley
HORTICULTURE							
113	Landscape Gardening .....	3	1, 2	D	Agr.	{301 304}	Elliott
HOME ECONOMICS							
6a	Foods—Food Preparation .....	3	1, 2	D	Agr.	{103 303}	Barkley
6b	Foods—Meal Planning and Service .....	3	3, 4	D	Agr.	{303 103}	Barkley
16	Elem. Nutrition .....	3	4	D	Agr.	205	Grundmeier
26	Textiles .....	2	1	D	Agr.	202	Latzke
29	Costume Design .....	3	2	D	Agr.	202	Seeds
	Costume Design (Lab.) .....						
41	Housing .....	3	3	D	Agr.	301	Deephouse
46	Clothing .....	3	3	D	Agr.	202	Latzke
	Clothing (Lab.) .....						
117	Interior Decoration .....	3	4	D	Agr.	202	Seeds
	Interior Decoration (Lab.).....						
124	Dietetics .....	4	1, 2	D	Agr.	205	Grundmeier
142	Home Management .....	5	2	D	Agr.	301	Deephouse

COLLEGE OF ENGINEERING

ELECTRICAL ENGINEERING							
101	Elements of Elec. Eng. Machinery .....	3.0	{ 3 5, 6	{ MTW ThF MWF }	SE		Beatty



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF ENGINEERING—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>ELEC. ENGINEERING—Cont.</b>							
105 <sub>1</sub>	D. C. Circuits and Machinery, } Rec. ....	4.0	4	D	SE		Beatty
105 <sub>11</sub>	D. C. Circuits and Machinery, } Lab. ....						
109	Electrical Power Equipment ...	4.0	2, 3	MWF MTW ThF	MH	202	Freeman
<b>ENGINEERING DRAWING</b>							
S3	Descriptive Geometry .....	3.0	3	D	C&P	205	Horine
1a	Mechanical Drawing .....	2.0	18 hrs. By	Appt.	C&P	207	Horine
1b	Mechanical Drawing .....	2.0	18 hrs. By	Appt.	C&P	207	Horine
12a	Engineering Drawing .....	2.0	18 hrs. By	Appt.	C&P	207	Horine
12b	Kinematic Drawing .....	2.0	18 hrs. By	Appt.	SE		Hawkins
16a	Freehand Lettering .....	1.3	12 hrs. By	Appt.	C&P	207	Horine
<b>ENGINEERING MECHANICS</b>							
11	Analytical Mechanics .....	4.0	1, 2	MTW ThF	MH	201	Johnson
12	Kinematics .....	2.0	2	MTW ThF	SE		Hawkins
101	Hydraulics .....	2.0	4	MTW ThF	SE		Hawkins
15a	Machine Design (Elec.) .....	2.0	18 hrs. By	Appt.	MH	204	Jett
15b	Machine Design (Elec.) .....	2.0	18 hrs. By	Appt.	MH	204	Jett
16	Machine Design (Mech.) .....	4.0	36 hrs. By	Appt.	MH	204	Jett
17	Machine Design (Mech.) .....	4.0	36 hrs. By	Appt.	MH	204	Jett
<b>MECHANICAL ENGINEERING</b>							
101a	Mechanical Design .....	3.3	27 hrs. By	Appt.	MH	204	Jett
101b	Mechanical Design .....	5.0	45 hrs. By	Appt.	MH	204	Jett
<b>PRACTICAL MECHANICS</b>							
14	Machine Shop .....	1.3	12 hrs. By	Appt.	EE		Thurman
15	Forge Shop .....	1.3	12 hrs. By	Appt.	EE		Thurman

**COLLEGE OF LAW**

<b>FIRST YEAR COURSES</b>							
104a	Property I .....	2	1	D	LB	102	Evans
170	Legal Ethics .....	2	4	D	LB	102	Murray
or							
145	Insurance .....	2	3	D	LB	103	Randall



**FIRST TERM—SUMMER 1937**  
**COLLEGE OF LAW—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>SECOND AND THIRD YEAR COURSES</b>							
160a	Corporations I .....	2	4	D	LB	103	Evans
147	Quasi-Contracts .....	2	1	D	LB	103	Murray
145	Insurance .....	2	3	D	LB	103	Randall

The hours in the Law School are: First Hour 8:00-9:00; Second Hour—9:00-10:00; Third Hour—10:00-11:00; Fourth Hour—11:00-12:00. In the event of interruption of any class by special lecture the class will meet at an hour assigned.

**COLLEGE OF EDUCATION**

<b>ADMINISTRATION</b>							
The following courses not open to freshmen and sophomores:							
101	School Organization .....	3	1	D	E	231	Chamberlain
198	The Administration of Pupil Personnel .....	3	3	D	A	203	Walton
148	Advisers of Girls and Deans of Women .....	3	2	D	A	205	Holmes
The following courses open only to graduate students:							
210	Special Problems in School Administration .....	3	By Appt.		E	232	Chamberlain
213	State School Administration .....	3	1	D	FH	201	Meece
214	The Secondary School .....	3	2	D	McVH	103	Crawford
225	Supervision of Instruction .....	3	4	D	E	131	
229	The Elementary Principal .....	3	3	D	E	134	Duncan
232	High School Administration .....	3	1	D	E	131	Ligon
236	Business Administration of Public Education (Second 2½ weeks) .....	3	9:30-12	D	E	Aud.	Herr, Chamberlain
275	Modern Educational Problems (First 2½ weeks) .....	3	9:30-12	D	E	Aud.	Strayer
301a, b	Research Problems in School Administration .....	3	By Appt.		E	232	Chamberlain
<b>AGRICULTURAL EDUCATION</b>							
The following course not open to freshmen and sophomores:							
179	Determining Content in Vocational Agriculture (First 2½ weeks) .....	3	By Appt. D		E	226	Hammonds
The following courses open only to graduate students:							
280	Method in Teaching Vocational Agriculture (Second 2½ weeks) .....	3	By Appt. D		E	219	Hammonds



FIRST TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
AGRIC. EDUCATION—Cont.							
287b	Selecting Teaching Materials (second 2½ weeks) .....	3	By Appt.	D	E	226	Armstrong
287c	Evening Schools (Farm Organization) (First 2½ weeks)....	3	By Appt.	D	E	220	Woods
289	Research in Agricultural Education .....	3	By Appt.		E	219	Hammonds
BUSINESS EDUCATION							
The following courses not open to freshmen and sophomores:							
158a	Methods of Teaching Secretarial Subjects .....	2	1	D	WH	207	Guy
158b	Methods of Teaching Accounting .....	2	4	D	WH	207	Guy
The following courses open only to graduate students:							
256	Methods and Materials in the Social Business Subjects .....	3	3	D	WH	207	Lawrence
259	The Commerce Curriculum .....	3	2	D	WH	205	Guy
EDUCATIONAL PSYCHOLOGY							
The following courses not open to freshmen and sophomores:							
118	Educational Tests and Measurements for Elementary Teachers .....	3	4	D	E	222	Ross
122	Educational Tests and Measurements for High School Teachers .....	3	3	D	McVH	103	Crawford
147	Foundations of Secondary Education .....	3	3	D	E	222	Ross
ELEMENTARY EDUCATION							
Note.—For Public School Art and Public School Music see Art and Music Departments.							
The following courses not open to freshmen and sophomores:							
42	Teaching Arithmetic in Elementary School .....	3	1	D	E	222	Willson
44	Fundamentals of Elementary Education .....	5	2, 3	D	E	170	Haines
S133	Directed Teaching in the Elementary School (Seniors only) .....	6	8-12 and conference	D	E	136	Duncan and Trng. Tchrs.
173	Teaching Literature to Children	3	1	D	E	134	Duncan



FIRST TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Cts.	Hour	Days	Bldg.	Room No.	Instructor
	ELEMENTARY EDUCA.—Cont.						
S174	Kindergarten Theory and Management (Offered if enrollment justifies) .....	3	2	D	E	134	King
196	Science in the Elementary School .....	3	1	D	E	{Cafe- teria }	{Adams or Daniel }
	The following courses open only to graduate students:						
224c	Organization and Supervision of Student Teaching (Prereq. Ed. 224a) .....	3	2	D	E	136	Duncan
229	The Elementary Principal .....	3	3	D	E	134	Duncan
	HISTORY OF EDUCATION						
	The following courses open only to graduate students:						
219	Great Educators and Their Work .....	3	3	D	E	231	Patrick
220	Comparative Education .....	3	2	D	E	222	Taylor
237a, b	Special Problems in History of Education .....	3	By Appt.	D	E	233	Patrick
	HOME ECONOMICS EDUCATION						
	The following courses open only to graduate students:						
263	Current Problems in Home Economics Education .....	3	1	D	E	104	Spickard
266a or b	Seminar in Home Economics Education .....	3	4	D	E	104	Parker
268	Home Economics Curriculum Construction .....	3	3	D	E	104	Spickard
269	Achievement Testing in Home Economics .....	3	2	D	E	104	Parker
	INDUSTRIAL EDUCATION						
	The following courses not open to freshmen and sophomores:						
71	Trade Analysis and Course Planning .....	3	3	D	A	304	May
72	Special Methods in Trade and Industrial Education .....	2	2	D	A	304	Lovell
77	Shop Management Problems .....	2	4	D	A	304	May
108	Coordination Techniques in Industrial Education .....	2	By Appt.	D	E	234	May
123	Vocational Guidance .....	3	3	D	A	204	Lovell
171	Vocational Education .....	2	4	D	A	204	May



FIRST TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PHILOSOPHY OF EDUCATION							
The following courses not open to freshmen and sophomores:							
35	Introduction to Education .....	3	4	D	E	231	Meece
114	Educational Sociology .....	3	2	D	E	231	Patrick
The following courses open only to graduate students:							
200	Philosophy of Education .....	3	3	D	E	131	Adams
205	Review of Educational Literature .....	3	2	D	FH	201	
227b	Principles of Curriculum Making .....	3	4	D	FH	201	Lutes
SECONDARY EDUCATION							
The following course not open to freshmen and sophomores:							
105	Fundamentals of Secondary Education .....	3	2	D	E	131	Ligon
The following courses open only to seniors:							
153	Directed Teaching in English.....	6	By Appt.		E	126	{ Williams Anderson
154	Directed Teaching in Languages .....	6	By Appt.		E	126	{ Herman Williams West
155	Directed Teaching in Sciences..	6	By Appt.		E	126	{ Williams Kemper
156	Directed Teaching in Mathematics .....	6	By Appt.		E	126	{ Keffer Williams Mitchell
157	Directed Teaching in Social Sciences .....	6	By Appt.		E	126	{ Williams Shipman
169a	Directed Teaching in Physical Education .....	3	By Appt.				{ Peck Williams Shively
186	Visual Instruction .....	3	2	D	FH	302	Clifton
193	Directed Teaching in Commercial Subjects .....	6	By Appt.		E	126	Williams
214	The Secondary School .....	3	2	D	McVH	103	Crawford
224b	Organization and Supervision of Student Teaching .....	3	By Appt.	D	E	126	Williams
249	Extra-Curricular Activities .....	3	3, 4	D	McVH	100	Allen
	(Second 2½ weeks.)						



**FIRST TERM—SUMMER 1937  
COLLEGE OF COMMERCE**

Course No.	Subject	No. Crs.	Hour	Days	Building	Room No.	Instructor
1	Principles of Economics .....	3	4	D	WH	306	Carter
*2	Economic History of Europe....	3	2	D	WH	303	Jennings
7a	Principles of Accounting, Lec.	4	1	D	WH	306	Tolman
	Principles of Accounting, Lab.			By Appt.	WH	401	Tolman
9	Forms of Business Org. .... (Prereq. Course 1.)	3	2	D	WH	306	Tolman
10	Principles of Marketing .....	3	3	D	WH	205	McIntyre
	(Prereq. Course 1.)						
S13a	Secretarial Practice, Rec. ....	4	1	D	WH	301	McGee
	Secretarial Practice, Lab. .... (Prereq. 2 yrs. college work.)		5	{ MTWTh or By Appt.	WH	301	McGee
14a	Advanced Secretarial Practice.. (Prereq. 2 yrs. college work.)	3	6	{ D or by } { Appt. }	WH	301	McGee
102	Labor Problems .....	3	3	D	WH	306	Carter
	(Prereq. Course 1.)						
104	Public Finance .....	3	6	D	WH	303	Sullivan
	(Prereq. Course 1.)						
106a	Advanced Accounting .....	3	1	D	WH	205	Beals
	(Prereq. Courses 7a and 7b.)						
107	Statistical Method .....	3	5	D	WH	401	Palmer
	(Prereq. Course 1.)						
117	Corporation Finance .....	3	2	D	WH	207	Lawrence
	(Prereq. Course 1.)						
119	Retail Merchandising .....	2	1	MTWTh	WH	303	McIntyre
	(Prereq. Course 1.)						
203	History of Economic Thought..	3	4	D	WH	205	Wiest

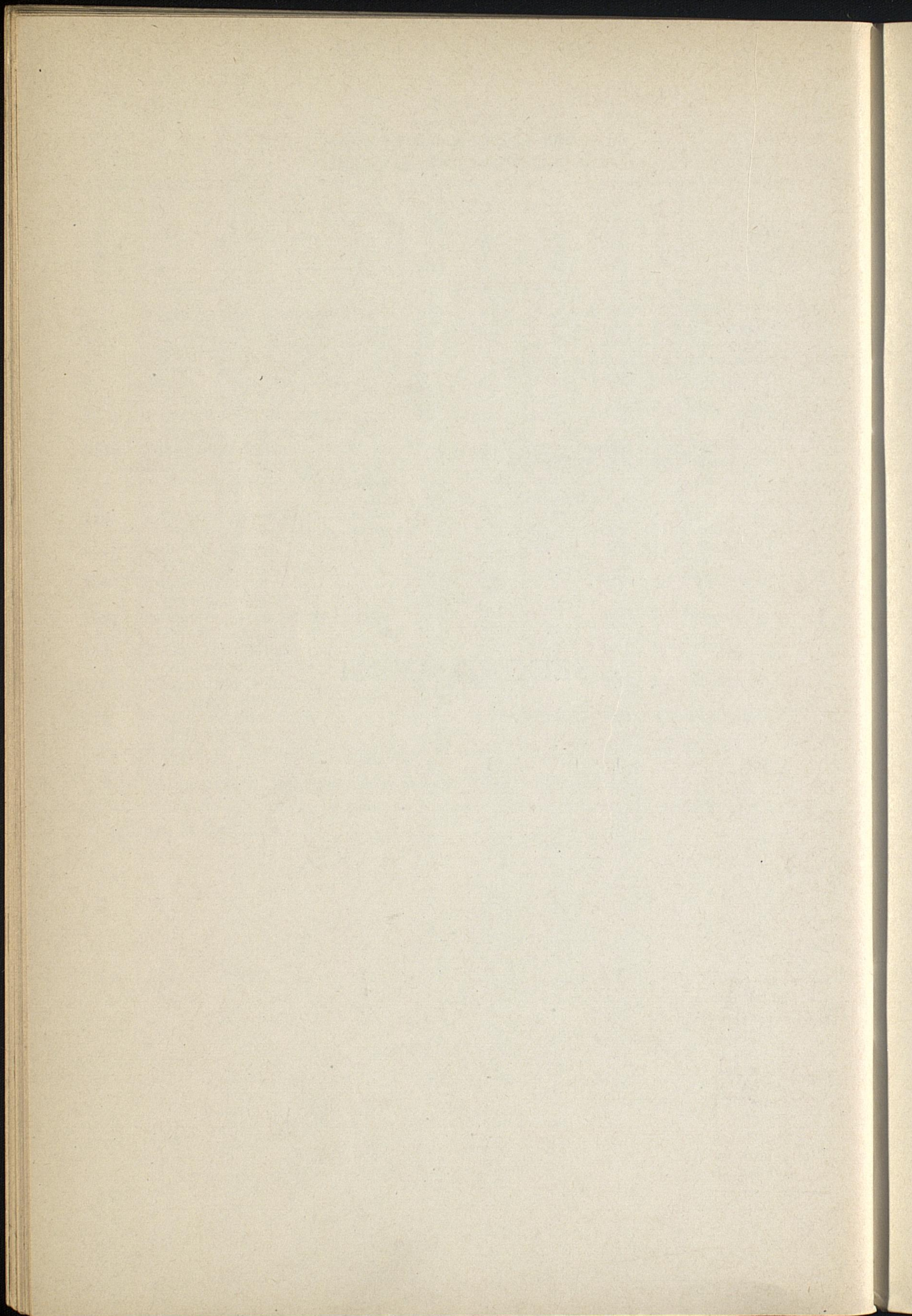
Note.—For courses in Business Education see College of Education.

\* Open to freshmen.



SECOND TERM







**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES**

Course No.	Subject	No. Crs.	Hour	Days	Building	Room No.	Instructor
<b>ANATOMY AND PHYSIOLOGY</b>							
Requirements for a Major. Prerequisites: Anatomy and Physiology 1a, 1b, or 2a, 2b; Chemistry 1a, 1b; Zoology 1a, 1b; Physics, one year. Required: Anatomy and Physiology 105, 116a, 116b, and 8 additional credits of advanced work in Anatomy and Physiology with comprehensive examination.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
1b	General Physiology .....	3	2	D	S	205	Sherwood
S105	Architecture of the Human Skeleton .....	3	3	D	S	205	Sherwood
<b>ANCIENT LANGUAGES</b>							
Requirements for a Major. Prerequisites: First two years of college Latin. Required: A minimum of 15 credits of Ancient Languages.							
Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work.							
*S3, S4 S5, S6	Cicero, Virgil, Livy, Horace.....	2	By Appt.	D	A	303	Jones
The following courses not open to freshmen and sophomores:							
150b	Teacher's Course in Latin (Based on second year work)	2	1	D	A	303	Jones
S110a, b	Latin Literature (Selections) ..	2	2	D	A	303	Jones
S122b	Greek Literature (In English) ..	2	3	D	A	303	Jones
<b>ANTHROPOLOGY AND ARCHAEOLOGY</b>							
The following course not open to freshmen and sophomores:							
105	Ethnology .....	2	3	D	Mus.	1	Funkhouser
<b>BACTERIOLOGY</b>							
Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52, or 102. Required: Two credits in Seminar, plus an additional 13 credit-hours of advanced work in Bacteriology, including Bacteriology 125.							
Requirements in Field of Concentration: Forty credits in the Biological Sciences Field, including the major work.							
<b>Medical Technology Course.</b> A four-year course leading to the degree B. S. in Medical Technology is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories and to fit the especially adapted student for either commercial or research laboratory work in bacteriology. It also meets all the requirements of the United States Civil Service Commission for the rank of Junior Bacteriologist (30 credits in Bacteriology).							
The University of Kentucky is registered as an approved school for laboratory technicians by the Board of Registry of the American Society of Clinical Pathologists and by the Council on Education of the American Medical Association. Graduates							



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Building	Room No.	Instructor
<b>BACTERIOLOGY—Cont.</b>							
of this course who may desire to enter medical school will have all the requirements of the American Medical Colleges for entrances to all Class A medical schools, provided they take two years of foreign language.							
57 <sub>1</sub>	Bacteriology of Water and Sewage, Lec. ....	4	2	D	KH	B13	Weaver
57 <sub>2</sub>	Bacteriology of Water and Sewage, Lab. ....						
The following courses not open to freshmen and sophomores:							
102 <sub>1</sub>	General Bacteriology, Lec. ....	4	1	D	KH	B13	Scherago
102 <sub>2</sub>	General Bacteriology, Lab. ....						
110b	Laboratory Diagnosis, Lab. ....	3	3, 4	D	KH	Sb12	Scherago
125	Immunology and Serology .....	5	By Appt.	D	KH	Sb12	Scherago
The following courses open only to graduate students:							
201b	Research in Bacteriology .....	5	By Appt.	D	KH	Sb11	Weaver
203b <sub>1</sub>	Public Health Bacteriology, Lec. ....	3	By Appt.	D	KH	B13	Scherago
203b <sub>2</sub>	Public Health Bacteriology, Lab. ....						
207 <sub>1</sub>	Bacteriology of Water and Sewage, Lec. ....	4	2	D	KH	B13	Weaver
207 <sub>2</sub>	Bacteriology of Water and Sewage, Lab. ....						
<b>BOTANY</b>							
Requirements for a Major. Prerequisites: Botany 1a, 1b; Zoology 1a, b. Required: Botany 6, 15, 103, 125a, 125b; a minimum of 15 credits of advanced work in Botany.							
Requirements in the Field of Concentration: Forty credits in the Field of Biological Sciences, including the major work, in courses not open to freshmen.							
*1b <sub>1</sub>	General Botany (Lec., Rec.)....	4	1	D	WH	101	McFarland
*1b <sub>2</sub>	General Botany (Lab.) .....		2, 3	D	WH	102	McInteer
15	Local Flora** .....	3	2, 3	D	WH	101	McFarland
The following course not open to freshmen and sophomores:							
114 <sub>1</sub>	Ecology (Lec., Rec.) .....	3	1	D	WH	102	McInteer
114 <sub>2</sub>	Ecology (Lab.) .....						
<b>CHEMISTRY</b>							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, 127b, and either 101 or 131a and 131b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
Note.—For outline of course leading to degree of "B. S. in Industrial Chemistry" consult University catalog.							
*1b	General Inorganic Chemistry.... (Prereq. Chem. 1a.)	5	1, 2, 3, 4	D	{ KH	{ 101	} Mitchell
					{ KH	{ 201	
					{ KH	{ 209	

\* Open to freshmen.

\*\* Those who have had an introductory course in systematic botany (Local Flora) may take Botany 150a.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Building	Room No.	Instructor
<b>CHEMISTRY—Continued</b>							
8	Quantitative Analysis ..... (Prereq. Chem. 4.)	5	1, 2, 3, 4	D	{KH	111	} Stewart
20b	Organic Chemistry ..... (Prereq. Chem. 20a.)	5	1, 2, 3, 4	D	{KH	113	
					{KH	214	} Barkenbus
					{KH	215	
The following courses not open to freshmen and sophomores:							
103	Qualitative Organic Analysis.... (Prereq. Chem. 127b.)	5	By Appt.	D	KH	215	Barkenbus
106	Advanced Organic Chemistry.. (Prereq. Chem. 127b.)	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis ..... (Prereq. Chem. 8.)	5	1, 2, 3, 4	D	KH	111	Stewart
114	Adv. Quantitative Analysis ..... (Prereq. Chem. 109.)	5	1, 2, 3, 4	D	{KH	111	} Stewart
					{KH	113	
127b	Organic Chemistry ..... (Prereq. Chem. 127a.)	5	1, 2, 3, 4	D	{KH	214	} Barkenbus
					{KH	215	
The following courses are open to graduate students only:							
202	Quantitative Analysis (Research) .....	5	By Appt.	D	KH	113	Stewart
204a	Organic Chemistry ..... (Prereq. Chem. 106.)	5	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry ..... (Prereq. Chem. 106.)	5	By Appt.	D	KH	215	Barkenbus
<b>ECONOMICS</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Junior standing; six credits in Economics, including Course 1. <b>Required:</b> A minimum of 17 credits of advanced work in Economics, including Course 9, if not taken as a prerequisite, and Courses 102 or 130, 104 or 124 and 105; remainder of credits to be selected from the Arts and Sciences list of economics courses numbered above 100. In addition, tutorial Courses 16a and 16b must be taken in the senior year to prepare for the comprehensive examination.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Social Studies, including the major work.</p>							
*3	Economic History of U. S. ....	3	2	D	WH	303	Jennings
7b	Principles of Accounting, Lec...	4	2	D	WH	306	Beals
	Principles of Accounting, Lab...		3, 4	{MWF or			
	The following courses not open to freshmen and sophomores:			{By Appt.	WH	401	Beals
105	Money and Banking ..... (Prereq. Course 1.)	3	2	D	WH	205	Carpenter
110	Business Cycles ..... (Prereq. Course 1.)	3	5	D	WH	401	Palmer
127	International Economic Policies .....	3	3	D	WH	306	Sullivan
143	Life Insurance ..... (Prereq. Course 1.)	3	4	D	WH	207	Carpenter

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Cts.	Hour	Days	Building	Room No.	Instructor
<b>ECONOMICS—Continued</b>							
215	The following course open to graduate students only: Contemporary Economic Thought ..... (Prereq. Course 1.)	3	6	D	WH	205	Sullivan
<b>ENGLISH</b>							
Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 18 credits of advanced work in English.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work.							
*1a	English Composition .....	3	1	D	McVH	213	Langford
*1b	English Composition .....	3	2	D	McVH	213	Langford
3b	History of English Literature..	3	3	D	McVH	210	Yates
The following courses not open to sophomores:							
110b	Shakespeare Tragedy .....	3	2	D	McVH	206	Galloway
130a	Comparative Literature .....	3	1	D	McVH	204	Brady
152	Age of Pope .....	3	3	D	McVH	206	Galloway
153	Restoration—Eighteenth Century Drama .....	3	4	D	McVH	210	Yates
210b	The following course open to graduate students only: Seminar .....	3	4	D	McVH	204	Brady
<b>GEOLOGY</b>							
Requirements for a Major. Prerequisites: Geology 22a, 22b. Required: Geology 15a, 15b, 9a, 9b, 19a, 19b, 101a, 101b, 106a, 106b, 109a, 109b, 117a, 117b, 118a, or 118b. Field Work: An early summer field trip. Geology 118a, or 118b, is required of major students for graduation. This covers two weeks work in the Appalachian Mountains and coastal plain. Local field work is offered throughout the year and it is recommended that all major students take a summer course in field geology and geological methods. Such courses varying from four to six weeks in length are offered by a number of institutions.							
Students majoring in Geology are required to enroll in tutorial courses during the senior year and pass a final comprehensive examination in the department.							
Requirements in the Field of Concentration: Forty credits in the Field of Physical and Biological Science, including the major work in courses not open to freshmen.							
*14b	Elementary Field Geology .....	1	1-5 p. m.	W			McFarlan
*14d	Elementary Field Geology .....	1	1-5 p. m.	Th			McFarlan
*24a	Elements of Geography .....	3	3	D	S	203	Young
25a	Regional Physical Geography of N. A. ....	3	4	D	S	203	Young
120b	The following course not open to freshmen or sophomores: Geology of Kentucky .....	3	2	D	S	203	McFarlan
	(No prerequisite.)						

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>GERMAN LANGUAGE AND LITERATURE</b>							
Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b, 2a, 2b. Required: German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination.							
*1a	Elementary German .....	3	2	D	A	205	Bigge
*1b	Elementary German .....	3	2	D	A	205	Bigge
2a	Intermediate German .....	3	3	D	A	205	Bigge
2b	Intermediate German .....	3	3	D	A	205	Bigge
3b	Selected Readings .....	3	By Appt.	D	A	205	Bigge
6b	Scientific German .....	3	By Appt.	D	A	205	Bigge
The following courses not open to freshmen and sophomores:							
102b	Twentieth Century Literature..	3	By Appt.	D	A	205	Bigge
105a-d	Independent Work .....	3	By Appt.	D	A	205	Bigge
<b>HISTORY</b>							
Requirements for a Major. Prerequisites: History 2a, 2b, or 4a, 4b; or 5a, 5b. Required: A minimum of 18 credits of advanced courses in History, which should include Historiography and Criticism.							
Requirements in Field of Concentration: Forty credits in Social Studies, including History.							
*S4b	Modern Europe since the French Revolution .....	2	3	D	FH	204	Lunde
*5b	History of the U. S. since 1860 .....	3	2	D	FH	301	Clark
The following courses not open to freshmen and sophomores:							
S119a	French Revolution and Napoleon .....	2	2	D	FH	204	Lunde
S180	History of the New South .....	2	3	D	FH	301	Clark
The following course open only to graduate students:							
366	Reconstruction (Not offered 1938) .....	3	3	D	FH	304	Knapp
<b>HYGIENE AND PUBLIC HEALTH</b>							
*9	Hygiene for Teachers .....	2	2	D	McVH	100	Heinz
The following course not open to freshmen and sophomores:							
100b	Public Health .....	3	3	D	McVH	100	Heinz

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>JOURNALISM</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Journalism 1a, 1b, and either 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108, 90a, 90b.</p> <p><b>Requirements in the Field of Concentration:</b> Forty credits in the Field of Literature, Philosophy and the Arts, including the major work in courses not open to freshmen.</p> <p><b>Comprehensive Examinations:</b> Each major in Journalism is required to pass a final comprehensive examination at the end of his senior year. Each major is required to enroll in Tutorial Work, 90a, and 90b, during his senior year.</p> <p><b>The Degree of A. B. in Journalism:</b> Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. (For outlines, see University catalog.)</p>							
112	The following course not open to freshmen or sophomores: Critical Writing for the Press..	3	2	D	McVH	50	McLaughlin
<b>LIBRARY SCIENCE</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Senior standing. Required: Thirty credits or full curriculum advised.</p> <p><b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Literature, Philosophy and the Arts (or acceptable equivalent), including the major work.</p>							
128	Children's Literature .....	2	2	D	UL	314	Doerr
132	Library Work with Children .... (L. S. 126 advisable.)	2	3	D	UL	314	Doerr
<b>MATHEMATICS</b>							
<p><b>Requirements for a Major. Prerequisites:</b> Courses 17, 18, 19, 20a, 20b, will count on the major if taken in the junior year. Required: A minimum of 18 credits of advanced work in mathematics in upper division, including courses in the fields of algebra, geometry, analysis and applications. Major students are required also to enroll in tutorial courses, 1 credit a semester through the junior and senior years, and to pass a final comprehensive examination in mathematics.</p> <p><b>Requirements in the Field of Concentration, Upper Division:</b> Forty credits in the Field of Physical Sciences, including the major work, in courses not open to freshmen.</p>							
19	Analytic Geometry .....	3	3	D	McVH	107	Brown
S20b	Int. Calculus .....	3	2	D	McVH	107	Brown
The following courses not open to freshmen and sophomores:							
118	Solid Analytic Geometry .....	3	2	D	McVH	128	Downing
The following course open only to graduate students:							
209	Theory of Functions of a Complex Variable .....	3	3	D	McVH	128	Downing
<b>MUSIC</b>							
<p><b>Requirements for a Major:</b> Junior standing; Music 21a-b, 24, 25a-b, 35a-b, Psychology 1. Required: Music 4a-b, 11a-b, 12a-b, 19a-b, 26, 30a-h; a minimum of 15 credits of advanced work in Music.</p>							

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>MUSIC—Continued</b>							
<b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work.							
*40a-d	Orchestra .....	1	3 p. m.	D	AC	8	Lampert
*15a-18b	Applied Music (Violin, Organ, Piano) .....	3	By Appt.				{Lampert J. Lampert Cullis
The following courses not open to freshmen:							
4a	Public School Music .....	2	1	D	AC	7	M. Lewis
4b <sub>1</sub>	Public School Music .....	2	3	D	AC	7	M. Lewis
4b <sub>2</sub>	Public School Music (B. S. in Mus. and Mus. Majors).....	2	By Appt.		AC	9	M. Lewis
11a	Advanced Harmony .....	2	By Appt.		AC	9	Lampert
(Prereqs. 24, 25a, 25b.)							
12a	Counterpoint and Composition	2	By Appt.		AC	9	Lampert
S25b	Elementary Harmony .....	2	2	D	AC	8	Lampert
(Prerequisites 24, 25a.)							
19b	History and Appreciation of Music .....	2	3	D	AC	8	Lampert
26	High School Methods .....	2	2	D	AC	7	M. Lewis
Advanced Courses: More advanced courses such as are listed for residence work in the University catalog will be given upon demand.							
<b>PHYSICAL EDUCATION</b>							
<b>Requirements for a Major. Prerequisites:</b> Junior standing; Psychology 7; Anatomy and Physiology 2a, 2b. <b>Required:</b> Physical Education 29, 128, 124, 120. A minimum of 15 credits of advanced work in Physical Education.							
<b>Requirements in Field of Concentration:</b> Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
14	Elementary Plays and Games..	2	4	D	WG		Shively
The following courses are not open to freshmen or sophomores:							
125	Organization and Administration of Municipal and Community Recreation .....	3	1	D	FH	106	Shively
The following courses open only to graduate students:							
S201	Research in Physical Education	3	2	D	FH	106	Potter
202	Problems Course in Contemporary Movements in Physical Education .....	3	4	D	FH	106	Potter
203	Current Studies in the Administration of Physical Education .....	2	3	D	FH	106	Potter
204	Current Studies in the Administration of Athletics .....	2	3	D	FH	105	Shively

\* Open to freshmen.



SECOND TERM—SUMMER 1937  
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
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PHYSICAL EDUCA.—Cont.

The following activities are offered without credit and without additional tuition fees to regular summer session students. The activities are primarily designed for those who wish to acquire certain skill and teaching technique in the respective sports as well as to provide enjoyable recreational activities for the summer session group. Students should sign up for the courses or course of their choice with Mr. Bernie Shively during the regular classification period or in the Physical Education office in the Gymnasium Annex during the first week of school.

Archery (men and women) .....	3:00-4:00	TTh	WG			
Badminton (men and women) ..	1:30-2:30	TTh	GA			
Golf (men) .....	1:30-2:30	MWF	MG			
Golf (women) .....	2:30-3:30	MWF	MG			
Tennis (men) .....	2:30-3:30	MWF	GA			
Tennis (women) .....	1:30-2:30	MWF	GA			
Tap Dancing (men) .....	2:30-3:30	TTh	WG			
Tap Dancing (women) .....	1:30-2:30	TTh	WG			
Social Dancing (men and women) .....	4:00-5:00	TTh	WG			
Volley Ball (men) .....	12:30-2	MWF	GA			

PHYSICS

**Requirements for a Major. Prerequisites:** Junior standing; Physics 2a, 2b; Mathematics 17, 18, 19. **Required:** Mathematics 20a, 20b; Physics 15a, b, c; a minimum of 15 credits of advanced work in Physics; a comprehensive examination in the senior year.

**Requirements in Field of Concentration:** Forty credits of advanced work in the Field of Physical Sciences, including the major work.

*51b	Introduction to Physics, Lec.....	3	1	D	C&P	200	Todd		
*1b <sub>1</sub>	Gen. Elem. Phys., Lec. ....	}	1	D	C&P	200	Todd		
*1b <sub>2</sub>	Gen. Elem. Phys., Rec. ....		2	TThS	C&P	107	Todd		
*1b <sub>21</sub>	Gen. Elem. Phys., Lab. ....	}	{	8:25-10:15	MWF	C&P	308	Todd	
2b <sub>1</sub>	Gen. Col. Physics, Rec. ....				2	D	C&P	103	Warburton
2b <sub>11</sub>	Gen. Col. Physics, Lab.....	}	{	3, 4	MTW	}	C&P	3	Warburton
					ThF				

The Department of Physics in the Summer Session is anxious to serve the needs of graduate students. For this reason the following courses are tentatively listed, and others will be offered in their stead if necessary and if the enrollment in the department justifies it. For courses other than the ones listed blow, consult the graduate bulletin.

108	Theory of Light .....	3	4	D	C&P	103	Ramsay
111	Electricity and Mag. ....	3	1	D	C&P	103	Warburton

POLITICAL SCIENCE

**Requirements for a Major. Prerequisites:** Junior standing; Political Science 15, 51. **Required:** Political Science 190a and 190b; a minimum of 15 credits of advanced work in Political Science; and a comprehensive examination in the senior year.

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
POLITICAL SCIENCE—Cont.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.							
*51	American Government .....	3	2	D	A	302	Trimble
The following courses not open to freshmen and sophomores:							
159a	American Constitutional Development .....	3	4	D	A	301	Trimble
172	Kentucky Government and Constitution .....	3	2	D	A	203	Manning
The following course open only to graduate students, and will not be offered in 1938:							
203	Public Administration .....	3	3	D	A	203	Manning
PSYCHOLOGY							
Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. Required: The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 15 of the 40 credits in the Field must be courses in Psychology not open to freshmen.							
*1	Elementary Psychology .....	3	2	D	NH	306	White
7	Psychology of the Child .....	3	3	D	NH	306	Asher
S14	Group Leadership (July 19-26) .....	1	3	D	NH	300	Sowers
The following courses not open to freshmen and sophomores:							
109a	Diagnosis of Development.....	2	By Appt.		NH	302	Asher
109b	Diagnosis of Development.....	2	By Appt.		NH	302	Asher
110	Experimental Psychology .....	3	By Appt.		NH	204	White
150	European Methods in Genetic Psychology .....	3	Staff of the University of Vienna under direction of Henry Beaumont.				
155	European Methods in Adult Psychology .....	3					
The following courses open only to graduate students:							
203a or b	Problems in Psychology .....	2	By Appt.		NH	200	Staff
ROMANCE LANGUAGES							
Requirements for a Major. Prerequisites: For French, R. L. 1a-b, 2a-b, 6a-b, 3a-b or 8a-b and 4a-b or 5a-b. For Spanish, 1a-b or 4a-b, 5a-b, 7a-b, 9a-b and 10a-b. Required: A minimum of 17 credits of advanced work in Romance Languages; for seniors 80a-b and the comprehensive examination at the end of the year.							
Requirements in the Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work in courses not open to freshmen.							
*S1a	Elementary French .....	2	2	D	S	307	Schick
*S1b	Elementary French (cont.) .....	2	2	D	S	307	Schick
S8b	French Phonetics .....	2	3	D	S	307	Schick
3b	French Conversation and Composition .....	2	3	D	S	307	Schick

\* Open to freshmen.



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ARTS AND SCIENCES—Continued**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	ROMANCE LANGS.—Cont.						
	The following courses not open to freshmen and sophomores:						
S109b	French Literature of the XIX Century .....	2	4	D	S	307	Schick
114b	Independent Work .....	3	4	D	S	307	Schick
	SOCIOLOGY						

**Requirements for a Major. Prerequisites:** Junior standing; Sociology 1a, 1b. **Required:** A minimum of 15 credits of advanced work in Sociology; Sociology 20a, b. Comprehensive examination in senior year.

**Requirements in Field of Concentration:** Credits to the number of 40 in advanced work in the Field of Social Studies, including the major work.

	The following courses not open to freshmen and sophomores:						
102	Social Pathology .....	3	2	D	FH	105	Caldwell
110	Child Welfare .....	3	1	D	FH	105	Caldwell
	ZOOLOGY						

**Requirements for a Major. Prerequisites:** Zoology 1a and 1b. **Required:** Zoology 7a and 7b (or 157a and 157b), 106, 108a and 108b, 114a, 114b; passing a comprehensive examination which will correlate the several zoological sub-sciences.

**Requirements in Field of Concentration:** Forty credits in the Field of Biological Sciences, including the major work, in courses not open to freshmen.

9	Animal Ecology and Field Biology .....	3	Field work by Appt.				Allen
	The following course not open to freshmen and sophomores:						
108b	Principles of Zoology (Heredity) .....	2	4	D	Mus.	1	Funkhouser

**COLLEGE OF AGRICULTURE**

ANIMAL INDUSTRY							
20	Animal Nutrition .....	3	3	D	D	109	Wilford
106	Pork Production .....	3	4	D	D	109	Wilford
107	Sheep Production .....	3	1	D	Agr.	301	Horlacher
111a	Special Problems .....	3	2	D	Agr.	301	Horlacher
HOME ECONOMICS							
112	Public School Nutrition .....	3	3	D	Agr.	205	Grundmeier
115	Child Care and Development....	3	1	D	Agr.	303	Mumford
119a	Experimental Cookery .....	3	1, 2	D	Agr.	205	Grundmeier
125	Consumer Problems .....	3	4	D	Agr.	301	Deephouse
142	Home Management .....	5	3	D	Agr.	301	Deephouse



**SECOND TERM—SUMMER 1937**  
**COLLEGE OF ENGINEERING**

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
<b>ELECTRICAL ENGINEERING</b>							
106 <sub>1</sub>	Alternating Currents, Rec. ....	4.0	4	D	MH	202	Bureau
106 <sub>11</sub>	Alternating Currents, Lab. ....						
122	Transformer Design .....	0.7	6 hrs. By	Appt.	MH	202	Bureau
123	Electrical Equipment Problems	1.3	12 hrs. By	Appt.	MH	202	Bureau
<b>ENGINEERING MECHANICS</b>							
13	Mechanics of Materials .....	4.0	3, 4	{ MTW } { ThF }	MH	201	Johnson
<b>PRACTICAL MECHANICS</b>							
14	Machine Shop .....	1.3	12 hrs. By	Appt.	EE		Thurman
15	Forge Shop .....	1.3	12 hrs. By	Appt.	EE		Thurman

**COLLEGE OF LAW**

<b>FIRST YEAR COURSES</b>							
104b	Property II .....	2	1	D	LB	102	Roberts
148	Domestic Relations .....	2	4	D	LB	102	Randall
<b>SECOND AND THIRD YEAR COURSES</b>							
160b	Corporations II .....	2	4	D	LB	103	Roberts
167	Administrative Law .....	2	1	D	LB	103	Eblen
176	Trade Regulation .....	2	3	D	LB	103	Eblen
148	Domestic Relations .....	2	4	D	LB	103	Randall

The hours in the Law School are: First Hour—8:00-9:00; Second Hour—9:00-10:00; Third Hour—10:00-11:00; Fourth Hour—11:00-12:00. In the event of interruption of any class by special lecture the class will meet at an hour assigned.

**COLLEGE OF EDUCATION**

<b>ADMINISTRATION</b>							
The following course not open to freshmen and sophomores:							
101	School Organization .....	3	3	D	A	204	Meece
The following courses open only to graduate students:							
203	Constitutional and Legal Basis of Public School Administration .....	3	4	D	E	134	Ligon



SECOND TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Building	Room No.	Instructor
ADMINISTRATION—Cont.							
207	School Buildings and Equipment .....	3	1	D	E	222	Chamberlain
211	The Administration of Vocational Education (second 2½ weeks) .....	3	2, 3	D	E	101	Hammonds
212	The Elementary School .....	3	3	D	E	134	Duncan
214	The Secondary School .....	3	1	D	A	204	Crawford
231	Financing Public Education .....	3	4	D	E	231	Hill
233	The Administration of the Teaching Personnel .....	3	2	D	E	222	Chamberlain
AGRICULTURAL EDUCATION							
The following courses open only to graduate students:							
211	The Administration of Vocational Education (second 2½ weeks) .....	3	2, 3	D	E	101	Hammonds
287d	Directing Farm Practice (first 2½ weeks) .....	3	By Appt.	D	E	226	Hammonds and Armstrong
287f	Part-Time Schools (first 2½ weeks) .....	3	By Appt.	D	E	220	Woods
289	Research in Agricultural Education .....	3	By Appt.		E	219	Hammonds and Armstrong
BUSINESS EDUCATION							
The following course not open to freshmen and sophomores:							
192	Methods and Materials in General Business .....	3	3	D	WH	207	Lawrence
The following course open only to graduate students:							
208a	Problems in Business Education .....	3	2	D	WH	207	Lawrence
EDUCATIONAL PSYCHOLOGY							
The following courses open only to graduate students:							
223	Educational Statistics .....	3	1	D	E	131	Ross
216	Seminar in Tests and Measurements .....	3	3	D	E	131	Ross
ELEMENTARY EDUCATION							
Note.—For Public School Music see Music Department.							
The following courses not open to freshmen and sophomores:							
20	Industrial Arts for Elementary Grades .....	2	4	D	E	170	Haines



SECOND TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	ELEMENTARY EDUCA.—Cont.						
44	Fundamentals of Elementary Education .....	5	2, 3	D	E	170	Haines
172	Teaching of Reading .....	3	1	D	E	134	Duncan
	The following course open only to graduate students:						
212	The Elementary School .....	3	3	D	E	134	Duncan
	HISTORY OF EDUCATION						
	The following courses open only to graduate students:						
235	History of Education in Kentucky .....	3	3	D	E	231	Patrick
237a, b	Special Problems in History of Education .....	3		By Appt.	E	233	Patrick
	HOME ECONOMICS EDUCATION						
	The following courses not open to freshmen and sophomores:						
165b	Problems in Vocational Education—Adult Education (first 2½ weeks) .....	3		By Appt.	D	E	104 Spickard
165b	Problems in Vocational Education—Adult Education (second 2½ weeks) .....	3		By Appt.	D	E	104 Spickard
	The following course open only to graduate students:						
264	Modern Tendencies in Home Economics Education (first 2½ weeks) .....	3		By Appt.	D	E	104 Parker
	PHILOSOPHY OF EDUCATION						
	The following courses not open to freshmen and sophomores:						
35	Introduction to Education .....	3	2	D	A	204	Meece
175e	The Administration of Adult Education .....	3	1	D	E	231	Castle
175f	Methods and Materials of Adult Education .....	3	4	D	E	222	Castle
	The following courses open only to graduate students:						
200	Philosophy of Education .....	3	3	D	E	222	Adams
222a	Thesis Course .....	3	2	D	E	131	Taylor
227a	Principles of Curriculum Construction .....	3	4	D	E	131	Lutes
230	Problems of Educational Sociology .....	3	2	D	E	231	Patrick



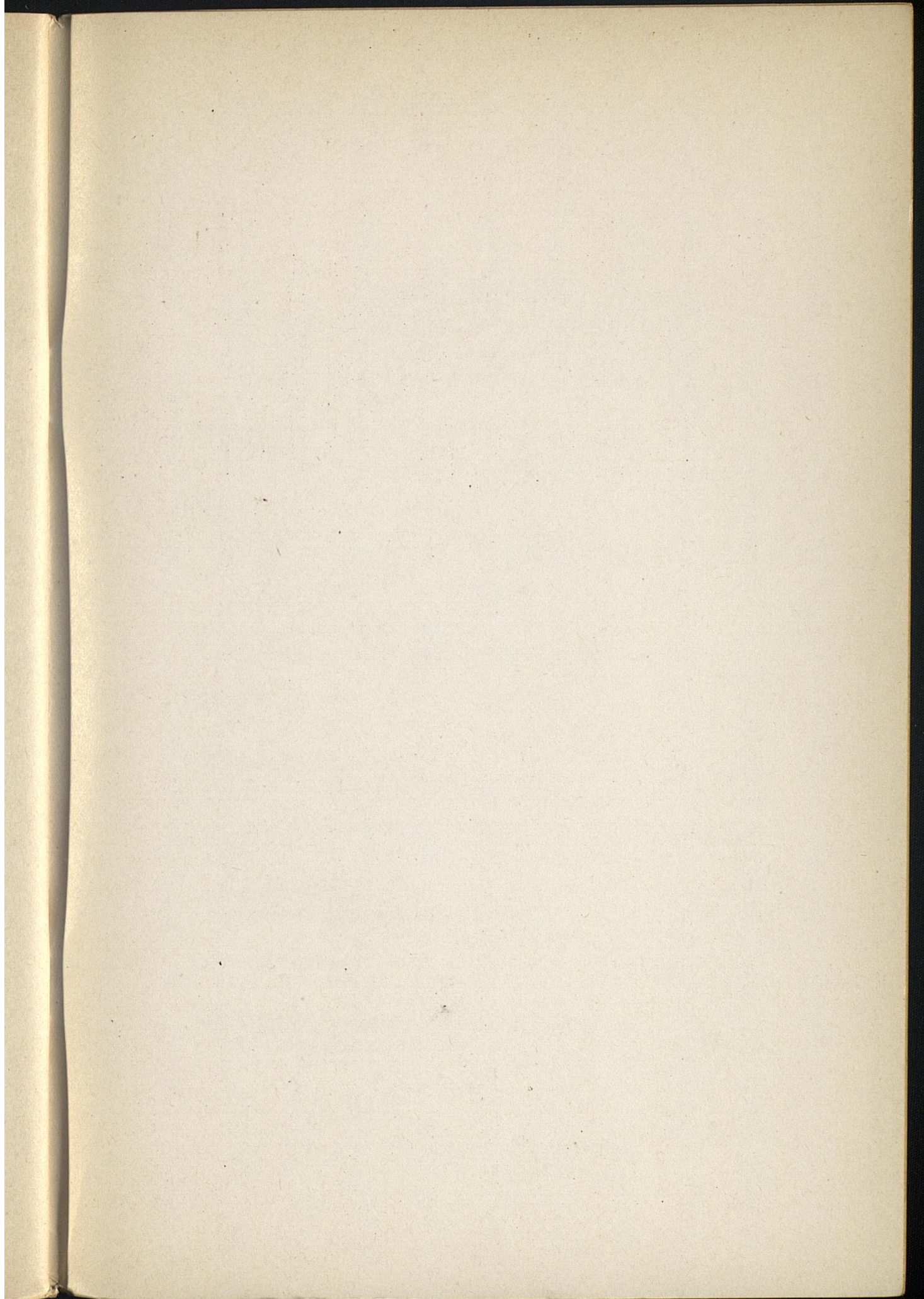
SECOND TERM—SUMMER 1937  
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
SECONDARY EDUCATION							
105	The following course not open to freshmen and sophomores: Fundamentals of Secondary Education .....	3	2	D	E	134	Ligon
214	The following course open only to graduate students: The Secondary School .....	3	1	D	A	204	Crawford

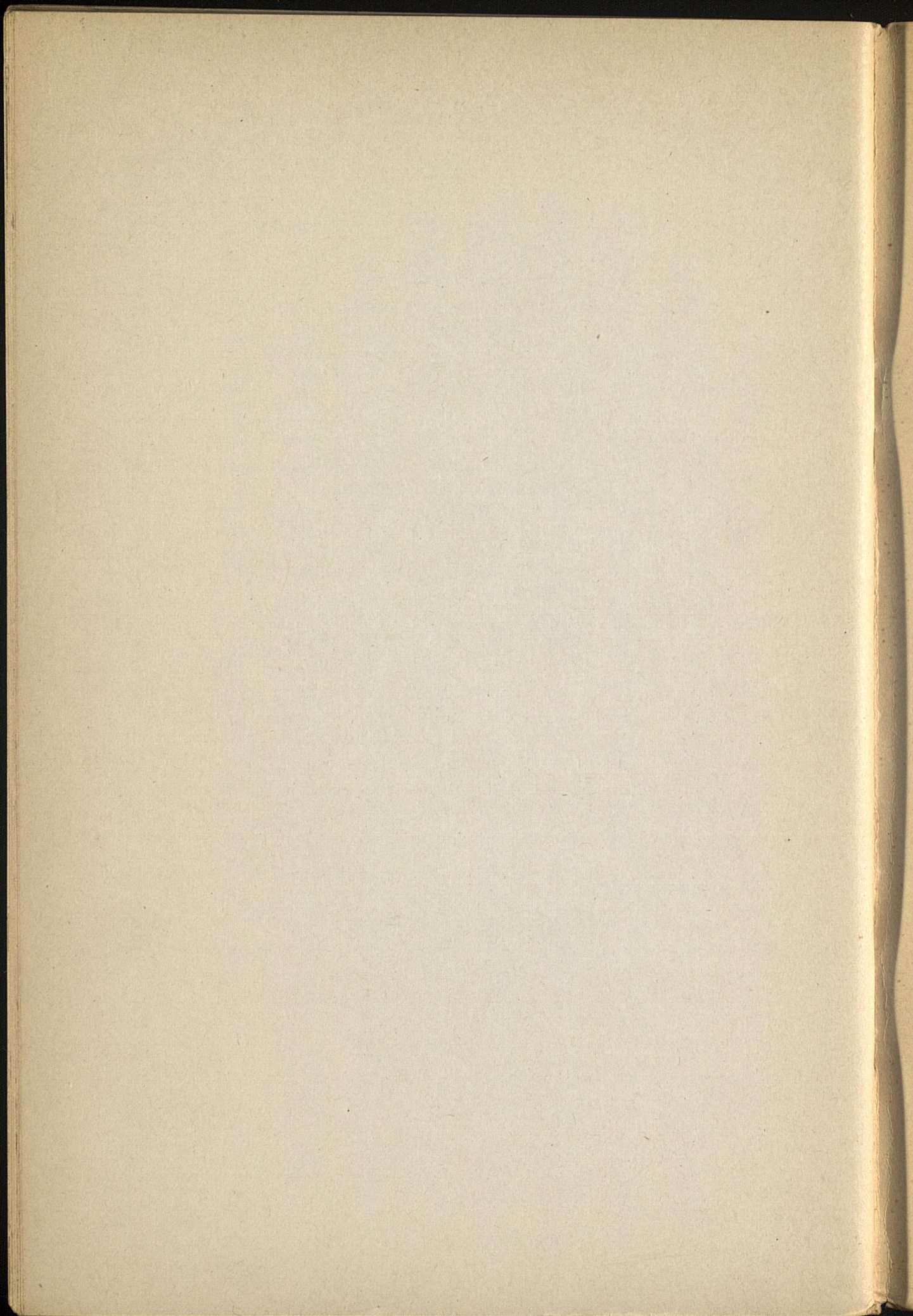
COLLEGE OF COMMERCE

*3	Economic Hist. of U. S. ....	3	2	D	WH	303	Jennings
7b	Prin. of Accounting, Lec. ....	4	2	D	WH	306	Beals
	Prin. of Accounting, Lab. ....		3, 4	} MWF or By Appt.	WH	401	Beals
S13b	Secretarial Practice, Rec. ....	4	1		D	WH	301
	Secretarial Practice, Lab. .... (Prereq. 2 yrs. college work.)		5	} MTWTh or by Appt.	WH	301	McGee
14b	Advanced Secretarial Practice.. (Prereq. 2 yrs. college work.)	3	4		D	WH	301
105	Money and Banking .....	3	2	D	WH	205	Carpenter
	(Prereq. Course 1.)						
106b	Advanced Accounting .....	3	1	D	WH	207	Beals
	(Prereq. Courses 7a and 7b.)						
110	Business Cycles .....	3	5	D	WH	401	Palmer
	(Prereq. Course 1.)						
127	International Economic Policies .....	3	3	D	WH	306	Sullivan
	(Prereq. Course 1.)						
143	Life Insurance .....	3	4	D	WH	207	Carpenter
	(Prereq. Course 1.)						
215	Contemporary Economic Thought .....	3	6	D	WH	205	Sullivan
	(Prereq. Course 1.)						
Note.—For courses in Business Education see College of Education.							











## ORGANIZATION

UNIVERSITY OF KENTUCKY

Lexington, Kentucky

Frank L. McVey, Ph. D., LL. D., President

### COLLEGE OF ARTS AND SCIENCES

Paul P. Boyd, Ph. D., Dean

Courses in Arts, Sciences, Journalism

### COLLEGE OF AGRICULTURE

Thos. P. Cooper, B. S., Dean and Director

Courses in Agriculture and Home Economics

Experiment Station

Extension Division of Agriculture

### COLLEGE OF ENGINEERING

James Hiram Graham, C. E., Dean

### COLLEGE OF LAW

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### COLLEGE OF EDUCATION

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### COLLEGE OF COMMERCE

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### GRADUATE SCHOOL

William D. Funkhouser, Ph. D., Dean

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Jesse E. Adams, Ph. D., Director

### UNIVERSITY EXTENSION DEPARTMENT

Louis Clifton, M. A., Director



THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
JAMES H. HARRIS, JR.  
1950

RESEARCH REPORT  
NO. 100

THE CHEMISTRY OF  
THE CARBON-14  
ISOTOPE

BY  
JAMES H. HARRIS, JR.  
AND  
WILLIAM F. HAYES

CHICAGO, ILLINOIS  
1950