

BULLETIN
University of Kentucky



SUMMER SESSION 1934

First Term: June 11 to July 14
Second Term: July 16 to August 18

FEBRUARY, 1934

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1934

JANUARY							JULY						
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FEBRUARY							AUGUST						
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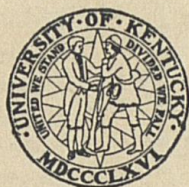
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BULLETIN

University of Kentucky



SUMMER SESSION 1934

First Term: June 11 to July 14

Second Term: July 16 to August 18

ELEMENTARY TRAINING SCHOOL

June 11 to July 13

HIGH SCHOOL TRAINING SCHOOL

June 4 to July 13

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EXTRA-CURRICULAR EVENTS FOR THE 1934 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 14, 10:00 a. m.	Convocation in Memorial Hall President Frank L. McVey, speaker
Thursday 14, 7:15 p. m.	Band Concert in Amphitheatre
Friday 15, 7:30 p. m.	Faculty Reception for students on lawn in front of Mechanical Hall
Wednesday 20, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 21, 7:15 p. m.	Band Concert in Amphitheatre
Saturday 23, 9:00-12:00 p. m.	Summer School Party in Patterson Hall
Tuesday 26, 4:00 p. m.	All-University Picnic for faculty and students held at Joyland Park
Wednesday 27, 9:00 a. m.	Convocation in Memorial Hall Doctor W. D. Funkhouser, speaker
Wednesday 27, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 28, 7:15 p. m.	Band Concert in Amphitheatre

JULY

Thursday 5, 11:15 a. m.	Convocation in Memorial Hall
Thursday 5, 7:15 p. m.	Band Concert in Amphitheatre
Tuesday 10, 7:30 p. m.	Musical Concert in Memorial Hall Professor Carl Lampert, Director
Wednesday 11, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 12, 7:15 p. m.	Band Concert in Amphitheatre

SECOND TERM

JULY

Wednesday 18, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
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Thursday 19, 7:30 p. m.	Faculty Reception for students on lawn in front of Mechanical Hall
Friday 20, 9:50 a. m.	Convocation in Memorial Hall
Friday 20, 7:15 p. m.	"Little Symphony," Memorial Hall Professor Carl Lampert, Director
Thursday 26, 7:15 p. m.	"Little Symphony," Memorial Hall Professor Carl Lampert, Director
Saturday 28, 9:00-12:00 p. m.	Summer School Party in Patterson Hall

AUGUST

Wednesday 1, 7:15 p. m.	"Little Symphony," Memorial Hall Professor Carl Lampert, Director
Friday 3, 2:30 p. m.	Blue Grass tour
Tuesday 7, 11:15 a. m.	Convocation in Memorial Hall
Thursday 9, 7:15 p. m.	"Little Symphony," Memorial Hall Professor Carl Lampert, Director
Tuesday 14, 7:30 p. m.	Concert in Memorial Hall Professor Carl Lampert, Director
Wednesday 15, 6:00 p. m.	Commencement Dinner, University Commons
Thursday 16, 8:00 p. m.	Reception for graduates
Friday 17, 4:00 p. m.	Commencement, Memorial Hall

SUMMER SESSION CALENDAR

Monday	June 4	Junior and Senior High School Registration.
Monday	June 11	Elementary School Registration.
Monday	June 11	Registration for first term.
Tuesday	June 12	Classes begin.
Friday	June 15	Faculty meeting in McVey Hall, Room 111.
Friday	June 15	Last date for making changes in registration or in schedule without payment of fee.
Monday	June 18	Last date upon which a student may register for credit for the first term's work.
Monday	June 18	Last date upon which a student may be dropped without a grade.
Saturday	June 30	Last date upon which a student may withdraw and receive a refund on matriculation fee for the first term.
Wednesday	July 4	Holiday.
Thursday	July 5	Faculty meeting in McVey Hall, Room 111.
Friday	July 13	Elementary School and High School close.
Saturday	July 14	Examinations for the first term.
Monday	July 16	Registration for second term.
Tuesday	July 17	Classes begin.
Friday	July 20	Faculty meeting in McVey Hall, Room 111.
Friday	July 20	Last date for making changes in registration or in schedule without payment of fee.
Monday	July 23	Last date on which a student may register for credit for the second term's work.
Monday	July 23	Late date upon which a student may be dropped without a grade.
Saturday	August 4	Last date upon which a student may withdraw and receive a refund on matriculation fee for the second term.
Thursday	August 9	Faculty meeting in McVey Hall, Room 111.
Friday	August 17	Commencement.
Saturday	August 18	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 ADMINISTRATION

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THOMAS POE COOPER, B. S. in Agr., Dean, College of Agriculture.
FREDERICK PAUL ANDERSON, M. E., Dean, College of Engineering.
ALVIN E. EVANS, Ph. D., J. D., Dean, College of Law.
WILLIAM S. TAYLOR, Ph. D., Dean, College of Education.
EDWARD WIEST, Ph. D., Dean, College of Commerce.
WILLIAM DELBERT FUNKHOUSER, Ph. D., Dean, Graduate School.
WELLINGTON PATRICK, Ph. D., Director of University Extension.
THEODORE TOLMAN JONES, Ph. D., Dean of Men.
MRS. P. K. HOLMES, A. B., Dean of Women in the Summer Session.
EZRA L GILLIS, A. B., Registrar.
DAVID HOWARD PEAK, A. M., Business Agent.
MAGARET ISADORE KING, A. B., Librarian.

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- ALLEN, WILLIAM RAY, Ph. D.
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- ANDERSON, WALTER SEWELL, M. A.
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- BEAUMONT, HENRY, Ph. D.
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- WIEST, EDWARD, Ph. D.
Dean, College of Commerce; Professor of Economics

WILFORD, EDWARD JAMES, M. S.

Associate Professor of Animal Husbandry

WILKINS, JAMES E., E. E.

Instructor in Electrical Engineering

WYNNE, CHESTER ALLEN, A. B.

Head Football Coach

WOODS, RALPH H., Ph. D.

Associate Professor of Agricultural Education

YATES, LAWRENCE, M. A.

Assistant Professor of English

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.

The rapid growth of the summer session may be noted when one reflects that the enrollment in 1918 was 172; in 1925, 1,298, and in 1931, 2,623. Due to the depression and other economic factors there was a slight decrease in the enrollment for 1932 and 1933. The increase in the number of faculty members has kept pace with the increase in enrollment. In 1918 the entire staff of the summer school consisted of 27 instructors, while in 1925 there were 76, and in 1933, 155. Many of these instructors taught in both terms of the summer session.

One of the most interesting phases of the summer session at the University of Kentucky is the rapid growth in the graduate field. In 1926 the Graduate School enrolled 177, while in 1931 it enrolled 677.

Throughout the history of the summer session new phases of the summer work have been added, and each year the program of offerings has been widened. For example, in 1929 the first courses in the administration of higher learning and courses in library science were added. In 1932 a public health school for nurses and doctors was inaugurated and in 1933 a program for social relief workers comprised one of the new features.

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 land, 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 places of many famous Kentuckians; the tobacco warehouses with their amazing size; the Kentucky Association race track, the track of the Kentucky Trotting Horse Breeders' Association; 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 capitol, 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.

THE PHYSICAL PLANT OF THE UNIVERSITY

The University's Physical Plant has steadily increased in size since 1880 from four to more than forty-six buildings. This growth has come about in a conservative manner, at minimum expense to the state, and well timed to meet the needs of a growing University. The original campus area of 51.87 acres has increased to a total of 106 acres. The College of Agriculture Experiment Station Farm has increased from a comparatively small place to a magnificent farm of 600 acres. This farm is noted for its large number of experimental plots that have been under constant observation for the past forty years. From the standpoint of time, they are just half as old as the oldest experimental plots in the world. The very nature of agricultural science requires the passing of a great many decades, seasonal

changes and cycles before the foundation can be laid on which to build values of scientific interest. In this respect the University of Kentucky is well on its way. A list of the most interesting buildings on the campus is presented in this catalog for summer session students.

The Administration Building, erected in 1882 to be used as a recitation building, has gradually been converted into an office building for the use of the Administrative Staff, Publicity Bureau, Stenographic Bureau, Telephone Exchange, Alumni Office, and Museum of Geology.

The Agricultural Building, built in 1908, contains the offices and classrooms of the College of Agriculture and the Department of Home Economics.

The Agricultural Engineering Building was constructed in 1931 to provide offices, classrooms, and laboratories for the study of all engineering subjects pertaining to agriculture.

The Alumni Gymnasium, built in 1924, is the center of all varsity athletic events and physical education.

The Art Center, built in 1926, houses the Art Department and Music Department, the Remote Control Radio Broadcasting Studio through WHAS, and the Guignol Theatre.

The Astronomical Observatory, constructed in 1931, contains a library, classrooms, and a dome room—a 22-foot circular area, which accommodates at present an eight-inch equatorial telescope.

Barker Hall, named after Henry Stites Barker, former president of the University of Kentucky, and constructed in 1902, is the location of the Military Science Department, Y. M. C. A. Offices, and the Department of Physical Education for women.

Boyd Hall, erected in 1926 and named in honor of Mrs. Paul P. Boyd, member of the Board of Control of Women's Dormitories, is the newest residence hall for girls on the campus.

Bradley Hall, the oldest of three dormitories for men, was built in 1922 and named in honor of W. O. Bradley, former governor of Kentucky.

Breckinridge Hall, men's residence hall, was built in 1929 and named in honor of W. C. Breckinridge, former trustee of the University.

The Civil Engineering and Physics Building, erected in 1909, is occupied by the Department of Physics and the Department of Civil Engineering.

The Dairy Products Building, one of the most unique buildings as regards equipment on the campus, was built in 1930 and houses the Department of Animal Husbandry, Department of Poultry, and the Department of Dairy Products and Manufacturing.

Experiment Station, containing the offices, laboratories, and library for the work of the Agricultural Experiment Station, was erected in 1904 and an addition was made to this building in 1913.

Frazer Hall, erected in 1907 and named in honor of D. F. Frazer, former member of the Board of Trustees, is the location of the Uni-

versity Extension Department and classrooms of the History, Philosophy, and Sociology Departments.

Kastle Hall, built in 1910 and named in honor of Doctor Joseph H. Kastle, former Dean of the Agricultural College and Director of the Experiment Station, contains the Chemistry and Bacteriology Departments.

Kinkead Hall is the central building of the men's residence halls. It was built in 1929 and named in honor of W. B. Kinkead, former Trustee of the University.

Law Building, erected in 1889, is the location of the College of Law, offices of the Kentucky Law Journal, Law College Library, Administrative Offices, and Classrooms.

The Library Building, erected in 1931, is the newest building on the campus. This is one of the best library buildings in the South and houses the largest college library in the State of Kentucky.

McVey Hall was erected in 1929 and named in honor of Doctor Frank L. McVey. The building is the location of the University Post Office and Bookstore, Journalism Department, Kernel Office, Mathematics Department, English Department, University Commons, and Faculty Club Rooms.

Mechanical Hall, constructed in 1892, is used for offices of administration, classrooms, laboratories, and assembly rooms by the Mechanical and Electrical Engineering Departments.

Memorial Hall was erected in 1929 and named in honor of the Kentuckians who lost their lives in the World War. The Auditorium of this building is used for vesper services, convocations, and lectures. At the rear of Memorial Hall is an open-air theatre known as the Memorial Amphitheatre.

Neville Hall, built in 1890 and named in honor of Doctor John Henry Neville, former professor of Ancient Languages at the University, is the location of the Department of Hygiene and Public Health, and the Psychology Department.

Norwood Hall and Mining Laboratory was constructed in 1907 and named in honor of Professor Charles J. Norwood, formerly Dean of the College of Mines and Metallurgy of the University, State Geologist, and State Inspector of Mines. It is now used for classrooms, experimental, and research work of the Department of Mining and Metallurgical Engineering, and offices of the State Department of Mines.

Patterson Hall, erected in 1904 and named in honor of James Kennedy Patterson, President of the University of Kentucky, 1869-1910, is used as a girls' residence hall.

Research Laboratories Building is used for research work by the Departments of Anatomy and Physiology, Psychology, and Hygiene and Public Health.

Science Hall, constructed in 1898, is occupied by the Departments of Geology, Zoology, Anatomy and Physiology, Romance Languages, and offices of the Graduate School.

Serum Laboratory houses the offices and laboratories of the Department of Animal Pathology.

Service Building, purchased by the University in 1930, is used by the Physical Education Department, and by the Department of Buildings and Grounds.

Stock Judging Pavilion, built in 1927, is divided into two divisions—that of classrooms and a Livestock Judging Pavilion.

Stoll Field and McLean Stadium, constructed in 1924 and named in honor of Judge Richard C. Stoll and Price McLean, is the site for athletic events.

The Training School, erected in 1930, houses the classrooms and laboratories of the College of Education, Administrative Offices, and the Training School.

Wendt Forge Shop was built in 1927 and named in honor of Henry W. Wendt.

White Hall, named in honor of James Garrard White, one time acting president of the University, was built in 1882. White Hall is now used by the College of Commerce and the Botany Department.

Woman's Building, formerly the home of Doctor James Kennedy Patterson, the first president of the University, was built in 1882. This building is now used as a recreation center by the women students.

University Museum. This building was erected in 1908 to be used as a library—it has recently been remodeled and is used as a museum for anthropologic and archaeological specimens.

Special attention is directed to the various University Gardens. These gardens are being developed as rapidly as possible to meet growing demands for outdoor laboratories and botanic gardens for student use and garden club work. In the *Kentucky Botanic Garden* the planting is sponsored by the University of Kentucky and various garden clubs throughout the state. There are more than 3,500 specimens planted in this garden. Back of Mechanical Hall one finds the *Derrill W. Hart Dahlia Garden* and *Rock Garden*. The *Formal Garden* is planted in an open court back of the Art Center.

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.

ALUMNI ASSOCIATION

Summer session students will find an active alumni organization on the campus. This organization was established primarily to aid alumni in rendering a greater service to their Alma Mater.

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 1934 summer session will include music concerts, teas, dances, plays, tours, lectures, picnics, and convocations. For information on the extra-curricular program for 1934 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. The Placement Service is operated through the College of Education, and every attempt is made to procure for the students and for the graduates of the University the type of employment which will enable each one to achieve the best results.

The University desires to be of greatest service to the public schools of Kentucky by training an efficient group of teachers and by placing each one of these in the type of position where he can do his best work. Each student in attendance at the University who desires a position should register with the Placement Bureau, Room 115, Training School Building. Superintendents and principals of schools desiring teachers should write to the Placement Service, College of Education, for the credentials of persons available.

EX-SERVICE MEN

Ex-service men 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.

TRAINING SCHOOL

The Training School will be in session during the first summer term only. The term for the Junior and Senior High School will begin June 4 and close July 13. The term for the elementary division will begin June 11 and close July 13.

Students desiring to take Directed Teaching in junior or senior high school subjects should enroll on or before June 4. Students taking Directed Teaching in the elementary grades should enroll on or before June 11.

Summer school students who have children have shown an increasing tendency to take advantage of the opportunity to enter their children in the summer session of the Training School.

The Training School will provide instruction in all subjects regularly offered in the schools of Kentucky. High school pupils may make one unit's credit toward their graduation requirements. This unit's work may be done in one subject or one-half unit's work 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 Training School 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. Tuition in the elementary division will be \$7.50 for the five weeks' term.

The operation of the Training School during the summer session offers a great opportunity to the following persons:

1. Pupils who wish to make up work in which they have failed during the regular school term.
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 an additional unit's 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.

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 workers 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 page 47.

LENGTH OF SESSION

The summer session of the University of Kentucky for 1934 will be ten weeks in length, six days a week, and will be divided into two terms, the first to begin June 11 and close July 14 and the second to begin July 16 and close August 18.

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 and nurses 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 advanced standing, to special courses as special students, or admitted as graduate students.

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

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

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

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

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

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

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

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

For further information, see statement of the Graduate School.

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

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

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

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

DESIGNATION OF COURSES

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

STUDENT LOAD

The normal load for the average student is six semester hours for each term. Students presenting a standing of 2 (average of "B") or better will be allowed to carry seven semester hours either term, 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 dean and director of the Summer Session. Persons entering five days late will be required to carry one credit less than the amount specified above.

REDUCED RATES

The railroads of the Trunk Line and Central Passenger Associations have granted railroad rates of one and one-third fares for round-trip tickets for the summer session of 1934. The reduced-fare tickets will be available for purchase by members of the staff, professors, teachers, and students of the summer school conducted by the University of Kentucky, including also dependent members of their families, on surrender of CERTIFICATES OF IDENTIFICATION to railroad ticket agent at point of origin. Please write to the Director of the Summer Session for proper identification blanks before you come to the summer session.

FEEES

The tuition fee for each college, with the exception of the College of Law, 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 \$31.50.

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

Students entering the University after the regular registration period will be charged an additional fee of \$1.00 for every day late, the total not to exceed \$3.00.

No student will be permitted to matriculate after Thursday of the first week of the term without special permission of the heads of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 18 nor for the second term's work after July 23.

CHANGES IN REGISTRATION

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

LATE CLASSIFICATION FEE

Students who fail to arrange classification within the scheduled time will be charged a fee of \$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.

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.

The *standing* of a student is defined as the ratio of his total number of points to his total number of credits. For example, a student who makes an average mark of C thruout his course of 120 semester hours, would have 120 points and 120 credits, and a standing of *one*. An average mark of B would give the student 240 points and 120 credits and a standing of *two*. When a semester's work is to be considered a "standing" is understood to be the ratio of the number of points gained to the number of credits scheduled.

ROOM AND BOARD

The University residence halls will be open during the summer session. *The price of rooms has been reduced approximately 10 per cent in the women's dormitories and 20 per cent in the men's dormitories since 1932.*

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.

In the women's residence halls, the cost of a room ranges from \$11.25 to \$13.50 a term, according to the room occupied. There are a few single rooms which may be had for \$13.50, the others are double rooms, each occupant paying \$11.25 a term. Room assignments will be made in order of application. No room is held for the first term after 7 p. m., June 11 or later than July 16 for the second term, unless special arrangements have been made with the Dean of Women. All women students are required to stay in the women's halls unless special permission is obtained from the Dean of Women.

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

Rooms in the men's halls cost \$10.00 to \$15.00 a term for each person in a room according to the room occupied. Bed linen is included. Reservations not claimed by June 11 and July 16, 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. & 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. *Completion of courses outlined in University catalog.

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

*With equal numbers of quality points.

Store, Business Office, Post Office, Library, Athletic or Military Department or any other office at the University.

5. GROUP REQUIREMENTS.

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

6. RESIDENCE REQUIREMENTS.

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

7. EXTENSION WORK.

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

8. APPLICATION FOR A DEGREE.

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

NOTE 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; and in music, leading to the degree of B. S. in Music.

3. Professional courses in which the general requirement 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, or Veterinary Medicine.

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

*12, if only 3 units entrance.

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. 40 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 elementary

courses. 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.

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.

EXTENSION. Not more than 60 credits are allowed. Before taking extension work consult the Dean.

COLLEGE OF AGRICULTURE

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

These credits are classified as follows:

Prescribed subjects, non-agriculture	42.0 credits
Prescribed subjects, agriculture	35.3 credits
Electives required in agriculture	27.0 credits
Free electives	35.0 credits

Total	139.3 credits
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Students who have not had physics in high school will be required to take a six-credit course in college which will reduce the number of free elective credits to 29. The free electives may be in agriculture. It will thus be seen that there is opportunity to take work in agriculture amounting to 97.3 credits.

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.

A student desiring to prepare for a major field of work may postpone certain required courses or make substitutions for them if these changes are recommended by the student's adviser and the head of the major department, and are approved in the manner prescribed by the University rules.

A modification of the first two years of the curriculum is suggested for the student who cannot complete the four years of consecutive college work leading to a degree. Under this modified plan subjects may be elected to provide general or special information concerning any phase of agriculture. Upon the completion of 68.3 credits with a standing of 1 the student will be awarded a certificate.

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	58.8 credits
Prescribed home economics	42.9 credits
Electives required in home economics	7.0 credits
Free electives	25.0 credits
	<hr/>
Total	133.7 credits

COLLEGE OF ENGINEERING

Organization. The College of Engineering embraces the following Departments: Civil Engineering, Collateral Activities, Drawing, Electrical Engineering, Engineering Mechanics, Mechanical Engineering Mining Engineering, Metallurgical Engineering and Practical Mechanics.

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

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

The course in Electrical Engineering is identical with that in Mechanical Engineering and leads to the same degree.

All courses of study leading to these degrees are identical during the freshman and sophomore years. Familiarity with such fundamental subjects as Chemistry, Drawing, English, Mathematics, Physics and practical Mechanics is essential to the successful study and practice of any branch of the engineering profession. Furthermore, after two years of college work a student is better able to make a definite choice of the branch of engineering which he prefers to follow. During the junior and senior years the courses are planned to give the training that is especially suited to each branch of the profession.

The College of Engineering offers graduate courses leading to the following advanced degrees.

- C. E. (Civil Engineer).
- E. E. (Electrical Engineer).
- M. E. (Mechanical Engineer).
- Met. E. (Metallurgical Engineer).
- E. M. (Mining Engineer).

COLLEGE OF LAW

The summer session in the College of Law for 1934 occupies ten

weeks. Certain courses may be completed at the end of the first five weeks, and in their place others will be taken up for the second five weeks' period. Certain other courses will occupy the entire session.

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

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

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

COLLEGE OF EDUCATION

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

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

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

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

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

1. GENERAL REQUIREMENTS		
English	6	credits
Science	6	credits
Social Science	6	credits
Psychology	3	credits
Hygiene for Teachers	2	credits
Physical Education	1.4	credits
Military Science (Men)	5.6	credits
	<hr/>	
Total	30	credits

2.	TEACHING MAJORS		
	First Teaching Major	24 to 30	credits
	Second Teaching Major	24 to 30	credits
3.	PROFESSIONAL MAJOR		
	Psychology of Study	3	credits
	Survey of Education	3	credits
	Educational Psychology	3	credits
	Tests and Measurements	3	credits
	School Organization	3	credits
	Directed Teaching	6	credits
	<hr/>		
	Total	21	credits
4.	FREE ELECTIVES	16 to 28	credits
5.	TOTAL CREDITS REQUIRED		127

A teaching major in the social sciences must include from 24 to 30 semester hours, 6 of which must be in American History, 6 in European History, and 6 in Political Science.

An English teaching major must include from 24 to 30 semester hours, 21 of which must be in the field of English proper. Not more than 3 semester hours of an English teaching major may be elected from any one of the following: Public Speaking; Library Science; Journalism 21.

A foreign language teaching major must include at least 24 semester hours in one language.

Only credits in physical education will be accepted toward a physical education teaching major.

A FOUR-YEAR CURRICULUM FOR TRAINING ELEMENTARY TEACHERS

FRESHMAN YEAR

First Semester	Credits	Second Semester	Credits
Eng. 1a—English Composition	3	Eng. 1b—English Composition	3
Hist. 5a—History of U. S.	3	Hist. 5b—History of U. S.	3
Geography	3	Geography	3
Ed. 35—Survey of Education	3	Ed. 42—Teaching of Arith.	3
Mus. 4a—Music in Pri. Grades	2	Mus. 4b—Music in Int. Grades	2
Ph. Ed.—Physical Education	.7	Ph. Ed.—Physical Education	.7
Hyg. 9—Hygiene	2	Art 10—Public School Art	2
	<hr/>		<hr/>
	16.7		16.7

SOPHOMORE YEAR

Eng. 3a—Survey of Eng. Lit.	3	Eng. 3b—Survey of Eng. Lit.	3
Hist. 4a—Int. to Mod. Europe	3	Hist. 4b—Int. to Mod. Europe	3
P. S. 15—Pro. of Citizenship	3	Ed. 6—Introduction to Practice Teaching	3
Ed. 16—Educ. Psychology	3	Ed. 37—Teaching of English in the Elementary School	3
Ed. 44—Teach. S. Studies in the Elementary School	3	Electives	3
Ed. 20—Industrial Arts in the Elementary School	2	Ph. Ed. 10—Plays and Games for Children	1
	<hr/>		<hr/>
	17		16

JUNIOR YEAR

Soc. 1a—Prin. of Sociology.....	3	Soc. 1b—Principles of Soc.....	3
H. E. 16—Elem. Nutrition.....	3	Sci. 11—Nature Study	3
P. S. 51—American Gov.....	3	Psy. 7—Child Psychology	3
Hist. 40—Hist. of Kentucky.....	2	Electives	4
Ed. 172—Teach. of Reading.....	3	Hyg. 110—Health Education.....	3
Electives	2		
	16		16

SENIOR YEAR

Science	3	Zool. 108b—Heredity	2
Ed. 133—Directed Teaching ...	7	Ed. 173—Children's Literature	3
(Either semester) or R133		Ed. 127—Prin. of Curriculum	
Ed. 118—Tests and Measure.....	2	Construction	3
Electives	4	Electives	8
	16		16

TEACHERS' CERTIFICATES

The following certificates authorized by the legislature for teaching in the state of Kentucky will be of interest to many students who attend the summer session at the University of Kentucky:

College Elementary Certificate: This certificate is issued upon the completion of thirty-two semester hours of prescribed and elective work under the law effective September 1, 1932. The work for this certificate MUST BE EARNED IN RESIDENCE in a standard junior or standard senior college. The prescribed courses are as follows:

Freshman English	6 sem. hrs.
Classroom Management	3 sem. hrs.
Teaching the Common School Branches	3 sem. hrs.
Teachers' Arithmetic	3 sem. hrs.

Superintendent's Certificate: This certificate is issued upon a minimum of graduation from a standard four-year college, including required semester hours in education, six of which must be in administration and supervision and, in addition to scholastic credits, four years' experience in the public schools or colleges of this Commonwealth.

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

The College Certificate is the only certificate which the College of Education issues. All other certificates here described are issued by the State Department of Education.

COLLEGE OF COMMERCE

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

THE GRADUATE SCHOOL

The Growth of the Graduate Program. The demand for graduate work at the University of Kentucky has grown rapidly in recent years. High school teachers, supervisors, principals and superintendents of schools, and teachers in normal schools and junior and senior colleges are seeking the education and training represented by higher degrees. To meet this demand, the several colleges of the University are providing larger programs of work for graduate students.

Admission to the Graduate School. (See general admission requirements page 26.) College graduates who desire to confine their work to undergraduate courses and who do not expect to become candidates for higher degrees should not register in the Graduate School, but with the Dean of the College in which their courses are listed:

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

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

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

General Requirements for the Doctor's Degree. The degree of Doctor of Philosophy is offered with major work in the following departments: Chemistry, Education, Economics, 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; Arm, Armory; AC, Art Center; Agr., Agriculture; BH, Boyd Hall; C & P, Civil and Physics; ES, Experiment Station; FEL, Farm Engineering Laboratory; FH, Frazee Hall; KH, Kastle Hall; LB, Law Building; NG, New Gymnasium; WG, Women's Gymnasium; M, Mining; McVH, McVey Hall; ML, Mining Laboratory; MH, Mechanical Hall; Mem., Memorial Hall; NH, Neville Hall; NS, New Shop; OC, Old Chemistry; PH, Patterson Hall; S, Science; SF, Stoll Field; SP, Stock Judging Pavilion; SL, Serum Laboratory; TS, Training School; UL, University Library; WH, White Hall; Mus., Museum; D, Dairy.

RECITATION HOURS

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

Noon Hour

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

Only courses marked with an asterisk are open to freshmen.

Only courses with numbers below 100 are open to sophomores.

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

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

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

FIRST TERM

COLLEGE OF ARTS AND SCIENCES

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ANATOMY and PHYSIOLOGY							
<p>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 105a, 105b, 116a, 116b, and 7 additional credits of advanced work in Anatomy and Physiology.</p> <p>Requirements in Field of Concentration: Forty credits in the field of Biological Sciences, including the major work.</p>							
1a	General Physiology	3	1	D	S	205	Allen
{	S2a ₁ Physiology, Physical Ed., Rec.	2	10:15-	MWF	S	205	Allen
	S2a ₂ Physiology, Physical Ed., Lab.		1:30- 3:30				
The following courses are not open to Sophomores:							
{	105a ₁ Human Osteology, Lec., Rec.	3	10:15-	TThS	S	205	Allen
	105a ₂ Human Osteology, Lab.....		2 hrs. By				
S106a	Endocrinology	2	8:25-9:15	D	S	205	Allen
ANCIENT LANGUAGES							
<p>Requirements for a Major. Prerequisites: First two years of college Latin. Required: A minimum of 15 credits of Ancient Languages.</p> <p>Requirements in Field of Concentration: Forty credits in the field of Literature, Philosophy and the Arts, including the major work.</p>							
*S3, S4, S5, S6	Cicero, Virgil, Livy, Horace ..	2	By Appt.	D	A	303	Jones
The following courses not open to Freshmen & Sophomores:							
S150a	Teachers' Course in Latin: Based on second year work..	2	7:25-8:15	D	A	303	Jones
S109a, b	Latin Literature (Selections)...	2	8:25-9:15	D	A	303	Jones
S120	Greek Civilization (in English)	2	9:50-10:40	D	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
Not open to lower division students.							
101	Principles of Anthropology	2	3	D	Museum		Funkhouser
102	Kentucky Archaeology	2	4	D	C&P	103	Webb

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	ART						
10	Public School Art	2	3	D	TS	134	Haines
	BACTERIOLOGY						

Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52 or 102. Required: Two credits in Seminar, plus an additional thirteen 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 years' course 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. This course also fits the especially adapted student for either commercial or research laboratory work 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. Graduates of this course who may desire to enter medical school will have all the requirements of the American Medical Association and the Association of American Medical Colleges for entrance to all Class A medical schools.

The following courses not open to Sophomores:							
{ 102 ₁	General Bacteriology, Lect....	4	{ 7:00-7:50	D	KH	B13	Scherago
{ 102 ₂	General Bacteriology, Lab.....		{ 7:50-9:40	D			KH
{ 103 ₁	Pathogenic Bacteriology, Lec.	4	{ 8:15-9:05	D	KH	B13	Scherago
{ 103 ₂	Pathogenic Bacteriology, Lab.		{ 9:05-10:55	D			KH
{ 107 ₁	Bacteriology of Water and Sewage, Lec.	4	{ 9:50-10:40	D	KH	B14	Weaver
{ 107 ₂	Bacteriology of Water and Sewage, Lab.		{ 10:40-12:30	D			KH
The following course open to graduate students only:							
{ 203a ₁	Public Health Bact., Lec.....	3	{ 11:00-11:50	D	KH	Sb12	Weaver
{ 203a ₂	Public Health Bact., Lab.....		{ 1-3	D			KH

BOTANY

Requirements for a Major. Prerequisites: Botany 7a, 7b. Required: At least 15 hours advanced Botany, including Botany 12.

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

*7a	General Botany	3	1	D	WH	101	McInteer
{ 4 ₁	Ecology (Lec. and Rec.).....	3	{ 2	D	WH	102	McInteer
{ 4 ₂	Ecology (Lab.)		By Appt.				
Botany 12 not offered summer of 1935.							
{ 12 ₁	Advanced Morphology (Lec. and Rec.)	4	{ 2	D	WH	101	McFarland
{ 12 ₂	Adv. Morphology (Lab.)		{ 3-4	D			WH
19	Dendrology	2	1	D	WH	102	McFarland

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, b, and either 101, or 131a, b. Requirements in Field of Concentration: Forty credits of advanced work in field of Physical Sciences, including the major work.							
*1a	General Inorganic Chemistry....	5	7:25-11:05	D	KH	{ 101 200 201	Mitchell
4	Qualitative Analysis	4	7:25-11:05	D	KH	{ 111 113 204	Stewart
7	Organic Chemistry	4	7:00-9:40	D	KH	{ 214 215	Barkenbus
8	Quantitative Analysis	5	7:25-12:30	D	KH	{ 111 113	Stewart
The following courses are not open to Sophomores:							
106	Advanced Organic Chemistry....	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis	5	7:25-12:30	D	KH	111	Stewart
ECONOMICS							
Requirements for a Major. Prerequisites: Junior standing; six credits of Economics. Required: A minimum of 15 credits of advanced work in Economics. Requirements in Field of Concentration: Forty credits of advanced work in the field of Social Studies, including the major work.							
1	Principles of Economics	3	3	D	WH	306	Wiest
(Not open to Freshmen)							
*12	Economic Geography of North America	3	1	D	WH	303	Jennings
The following courses not open to lower division students:							
104	Government Finance	3	2	D	WH	306	Sullivan
(Prereq. Course 1.)							
107	Statistical Method	3	5	D	WH	306	Palmer
(Prereq. Course 1.)							
211	Advanced Money and Banking (For graduate students only)	3	6	D	WH	205	Wiest
**146	Recovery Legislation and Problems	3	3	D	WH	303	Wiest & others
ENGLISH							
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	210	Yates
*1b	English Composition	3	2	D	McVH	210	Shannon
3a	History of English Literature..	3	3	D	McVH	210	Yates

*Open to Freshmen.

**See College of Commerce schedule for further information.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ENGLISH—Continued.							
The following courses not open to Sophomores:							
111b	English Novel of 19th Century	3	2	D	McVH	200	Knight
123b	American Literature after 1860	3	3	D	McVH	200	Knight
125	Pronunciation of Modern English	3	2	D	McVH	211	Dantzler
143	Edgar Allan Poe	3	3	D	McVH	230	Farquhar
The following courses open to graduate students only:							
201a	Literary Criticism	3	4	D	McVH	230	Farquhar
210a	Seminar	2	3	D	McVH	211	Dantzler
GEOLOGY							
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.							
Requirements in the Field of Concentration: Forty credits in the field of Physical Science, including the major work.							
*S22a	Elementary Geology	2	1	D	S	203	McFarlan
*18a	Elements of Geography	3	4	D	S	203	
*18b	Elements of Geography	3	3	D	S	203	Robinson
S10a	Geology of Kentucky	2	2	D	S	203	McFarlan
23a-b	Elementary Field Work in Regional Geology (to accompany 118a-b)	2	(June 1-14)				McFarlan
The following course is not open to lower division students:							
118b	Field Work in Regional Geology	2	(June 1-14)				McFarlan
GERMAN LANGUAGE AND LITERATURE							
Requirements for a Major. Prerequisites: 1a, 1b, 2a, 2b. Required: A minimum of 18 credit hours of advanced work in German.							
Requirements in Field of Concentration: Forty credit hours in the field of Literature, Philosophy and the Arts, including the major work.							
*1a	Elementary German	3	2	D	A	204	Bigge
*1b	Elementary German (Prereq. 1a.)	3	2	D	A	204	Bigge
*2a	Intermediate German (Prereq. 1b.)	3	3	D	A	204	Bigge
*2b	Intermediate German (Prereq. 2a.)	3	3	D	A	204	Bigge
3a	Selected Readings (Prereq. 2b.)	3	By Appt.	D	A	204	Bigge

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	GERM. LANG. & LIT.—Cont.						
6a	Scientific German (Prereq. 2b.) The following courses are not open to lower division students:	3	By Appt.	D	A	204	Bigge
101a	Nineteenth Century Literature	3	By Appt.	D	A	204	Bigge
105a	Independent Work	3	By Appt.	D	A	204	Bigge
Note: No credit will be given for duplicating work done in high school. If one unit of German is offered for entrance, take 1b. A passing grade in the second semester's work is necessary before the first semester's work is credited.							
	HISTORY						
Requirements for a Major. Prerequisites: History 2a, 2b, or 4a and 4b. Required: A minimum of 18 credits of advanced courses in History. Should include two courses in Historiography and Criticism.							
Requirements in Field of Concentration: Forty credits in the field of Social Science, including the major work in courses not open to freshmen.							
*S4a	Modern Europe to 1789	2	1	D	FH	204	Lunde
*S4b	Modern Europe Since 1789.....	2	3	D	FH	204	Lunde
*5a	History of the United States..	3	5	D	FH	202	Knapp
The following "100" courses not open to lower division students:							
S119b	Nineteenth Century	2	2	D	FH	204	Lunde
S147	Recent History of U. S.	2	3	D	FH	202	Knapp
The following course for graduate students only:							
202	American Revolution	2	2	D	FH	304	Knapp
	HYGIENE AND PUBLIC HEALTH						
*1	Personal & Community Health	1	2	D	Adm.	4	Heinz
*9	Hygiene for Teachers	2	4	D	Adm.	4	Heinz
The following courses are not open to Freshmen and Sophomores:							
S100a	Public Health	2	3	D	Adm.	4	Heinz
	Community Health Education..		3	D			Rood
	Community Health Education						
	Division No. 1		4	MW	McVH	103	Rood
	Division No. 2		4	TTh	McVH	103	Rood
110	Health Supervision of Schools	3	2	D	McVH	111	Chambers
200	Epidemiology	1.5	4	D	McVH	111	Freeman
202	Sanitary Engineering	1.5	5	D	McVH	111	
204	Maternal and Child Health.....	1.5	1	D	McVH	109	
212	Health Administration	1.5	3	D	McVH	111	Freeman

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
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	HYG. & PUB. HEALTH—Cont.						
218	Statistics	1.5		D	McVH	109	} Murray Chambers
222	Social Diseases	1.5		D	McVH	109	

JOURNALISM

Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108.

Requirements in the Field of Concentration: Forty credits in the field of Literature, Philosophy and the Arts, including the major work.

The Degree of A. B. in Journalism: Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. See outlines in general catalog.

*S1a	Reporting	2	2	D	McVH	50	McLaughlin
S12	Feature Writing	2	2	D	McVH	54	Plummer and Kelly
S21	Etymology	2	3	D	McVH	54	Grehan
The following courses not open to Freshmen or Sophomores:							
S111	Verbal Criticism	2	4	D	McVH	54	Grehan
S105	Law of the Press	2	2	D	McVH	53	Portmann

LIBRARY SCIENCE

Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 15 credits of work in Library Science. 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 courses not open to lower division students:							
129a	Cataloging and Classification.....	3	4	D	UL	314	Currin
138	Methods of Teaching the Use of the Library (Prereq. 133a)	2	2	D	UL	314	Currin
144	Library Records and Methods	2	1	D	UL	314	Foster
150a	Book Selection	3	3	D	UL	314	Foster
Ed.173	Teaching Literature to Children (Accepted as Children's Literature for students with 12 hours' credit in Library Science)	3	4	D	TS	224	Duncan

MATHEMATICS AND ASTRONOMY

Requirements for a Major. Prerequisites: Junior standing; courses 1, 2, 4, 5, 6. Required: A minimum of 18 credits of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis and one in Applications. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics.

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
MATH. & ASTRON.—Cont.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
*S5	College Algebra	4	7:00-8:50	D	McVH	129	Boyd
S6	Analytic Geometry	4	9:00-10:50	D	McVH	100	Davis
S7a	Differential Calculus	4	8:00-9:50	D	McVH	106	Latimer
S7b	Integral Calculus	2	7:00-7:50	D	McVH	107	Davis
The following courses not open to lower division students:							
S119	Modern Geometry	2	9:50-10:40	D	McVH	129	Boyd
S118	Solid Analytics	2	11:15-12:05	D	McVH	106	Latimer
S110a-d	Independent Work	2		By Appt.	McVH		Staff
S203	Thesis	2		By Appt.	McVH		Staff
MUSIC							
Requirements for a Major. Prerequisites: Junior standing; Music 21a, 21b, 25a, 25b, 35a, 35b; Psychology 1. Required: Music 11a, 11b, 30a, 30b, 4a, 4b, 26; Music 19a, 19b; a minimum of 15 credits of advanced work in Music.							
Requirements in Field of Concentration: Forty credits of advanced work in the field of Literature, Philosophy and the Arts, including the major work.							
*4a ₁	Public School Music	2	2	D	AC	7	M. Lewis
*4b	Public School Music	2	3	D	AC	7	M. Lewis
*4a ₂	Public School Music (B. S. in Music only)	2		By Appt.	AC	7	M. Lewis
*S15a to S18b	Applied Music for B. S. in Music Only. Two lessons per week. (Violin, piano, voice, organ)	1		By Appt.			C. Lampert Mrs. Lampert Mrs. Cullis Lampert
9a	Organization and Training of Musical Groups—Strings (B. S. in Music only)	2	1	D	AC	8	Lampert
9b	Organization and Training of Musical Groups (Brass and percussion)	2	3	D	AC	7	J. Lewis Mrs. Lampert
S35a-h	Applied Music for A. B. (piano)	1		By Appt.			Lampert
S36a-h	Applied Music for A. B. (violin)	1		By Appt.			Lampert
S25a	Elementary Harmony	2	2	D	AC	8	Lampert
*19a	History and Appreciation	2	4	D	AC	7	Lampert
*21a	Sight Reading	1.5		By Appt.			M. Lewis
*39a-d	Mixed Chorus	1	5	D	AC	8	Lampert
14b	Organization and Training of Musical Groups for B. S. in Music Only (Orchestration and Conducting)	2	3	D	AC	8	Lampert
28a	Concert Band	1	4 p. m.	D	AC	8	J. Lewis

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor	
PHILOSOPHY								
Requirements for a Major. Prerequisites: Junior standing; 6 credits in Philosophy. Required: An additional 15 credits in Philosophy, including Philosophy 35a, b; and a comprehensive examination in the senior year.								
Requirements in the Field of Concentration: Forty credits of advanced work (including the major work in Philosophy) which may be elected in either (1) the field of Literature, Philosophy and the Arts, or (2) the field of Social Studies.								
51	Ethics	3	1	D	FH	205	Kuiper	
The following course not open to lower division students:								
106	Representative Modern Philosophers	3	3	D	FH	205	Kuiper	
PHYSICAL EDUCATION								
Requirements for a Major. Prerequisites: Junior Standing; Psychology 7; Anatomy and Physiology 2a, b. 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.								
S14	Elementary Plays and Games..	1	9:50-10:40	D	TS	Gym.	Potter	
The following courses not open to lower division students:								
124	History and Philosophy of Physical Education	2	8:25-9:15	D	FH	105	Potter	
128	School Program of Physical Education	3	1	D	FH	105	Potter	
S131	Basektball Coaching (June 11-June 21)	1.5	9:50-12:00	D	Alu. Gym.		Rupp	
S142	Football Coaching (June 22-July 3)	1.5	9:50-12:00	D	Alu. Gym.		Wynne	
S50	Track and Field Athletics Coaching (July 5-July 14)....	1	9:50-12:00	D	Alu. Gym.		Shively	
PHYSICS								
Requirements for a Major. Prerequisites: Junior standing; Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. Required: Mathematics 7a, b; Physics 15a, b; 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.								
*1a ₁	Gen. Elem. Phys., Lec.....	5	{	1	D	C&P	200	Webb
*1a ₂	Gen. Elem. Phys., Rec.....			2	D	C&P	303	Todd
*1a ₂₁	Gen. Elem. Phys., Lab.			3	D	C&P	201	Todd
4	Elementary Phys. Meas.	2	{	3	D	C&P	201	Todd
*51a	Introduction to Physics, Lec.....	3	{	1	D	C&P	200	Webb
3a	Gen. College Physics, Lec. and Rec.	4	{	3	D	C&P	200	Hahn

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PHYSICS—Continued.							
3a	Gen. College Physics, Lec. and Rec.		4	D	C&P	103	Todd
S5	Meas. in Mech. and Heat, Lec. and Lab.	2	1, 2	D	C&P	105	Hahn
The following courses not open to lower division students:							
S103	Theory of Light	2	2	D	C&P	103	Webb
113	Radio Communication	3	4	D	C&P	303	Hahn
116a	Physical Manipulations	1		By Appt.			Todd
125a	Independent Work	3		By Appt.			Staff
S223a	Gen. Phys. for Grad. Ed. Students	6		By Appt.			Staff
POLITICAL SCIENCE							
Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. Required: Political Science 155a, 155b, or 159a, 159b, 190a, 190b; a minimum of 15 credits of advanced work in Political Science.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.							
*15	Problems of Citizenship	3	1	D	A	203	Vandenbosch
*51	American Government	3	2	D	A	301	Cole
The following course not open to lower division students:							
159b	Development and Expansion of the Constitution	3	4	D	A	301	Cole
The following course open to graduate students only:							
205	Freedom of the Seas	3	3	D	A	203	Vandenbosch
PSYCHOLOGY							
Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and b, 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	1	D	NH	306	White
7	Psychology of the Child	3	3	D	NH	306	Asher
The following courses not open to lower division students:							
107	Interpretations (of the Unusual)	3	2	D	NH	306	Miner
111	Mental Measurements	3	2	D	NH	300	Asher
104	Social Psychology	3	3	D	NH	300	White
121	Student Personnel	3	3	D	NH	205	Miner
120a-d	Independent Work	2		By Appt.	NH	200	Staff
203a							
or b	Problems in Psychology—for graduate students only	2		By Appt.	NH	200	Staff

*Open to Freshmen.

FIRST TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ROMANCE LANGUAGES							
Requirements for a Major. Prerequisites: Junior standing; R. L. 1a, b, 2a, b, 6a, b, 5a, b; a minimum of 15 credits of advanced work in Romance Languages.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work.							
*S1b	Elementary French	2	4	D	S	306	Holmes
S2a	Intermediate French	2	4	D	S	306	Holmes
S2b	Intermediate French	2	4	D	S	306	Holmes
S6a	French Novel and Drama	2	3	D	S	306	Holmes
S6b	French Novel and Drama	2	3	D	S	306	Holmes
The following courses not open to lower division students:							
S109b	XIX Century French Literature	2	3	D	S	306	Holmes
S113a	Advanced French Grammar, Syntax, etc.	2	2	D	S	306	Holmes
S114a, b, c, d	Independent Work in Romance Languages	2	By Appt.				Holmes
*S1a	Elementary French	2	2	D	S	307	Schick
*S5a	Elementary Spanish	2	3	D	S	307	Schick
*S5b	Elementary Spanish	2	4	D	S	307	Schick
S7a	Intermediate Spanish	2	4	D	S	307	Schick
S7b	Intermediate Spanish	2	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.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.							
*1a	Principles of Sociology	3	1	D	FH	106	Best
103	Criminology (Open only to students of Jr. rank or above)	3	2	D	FH	106	Best
ZOOLOGY							
Requirements for a Major. Prerequisites: Junior Standing; Zoology 1a, b. Required: Zoology 7a, b, or 157a, b; Zoology 106; Zoology 108a, b; Zoology 114a, b; a minimum of fifteen credits of work above 1a, b; passing a comprehensive examination before graduation.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major.							
{ *S11 ₁	Nature Study, Rec.	3	2	D	S	108	Allen
{ *S11 ₂	Nature Study, Field Trips						
The following courses not open to lower division students:							
{ 102	Ornithology, Rec.	3	1	D	S	108	Allen
{ 102	Ornithology, Field Trips						
108a	Principles of Zoology (Evolution)	2	3	D	Mus.	1	Funkhouser
110a-d	Independent Work	3	By Appt.				Allen
(For Anthropology 101, see Anthropology and Archaeology.)							

*Open to Freshmen.

FIRST TERM
COLLEGE OF AGRICULTURE

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
AGRICULTURAL ENTOMOLOGY							
102	Adv. Agr. Entomol., Lec.....	3	7:00-7:50	D	AE	106	W. A. Price
102	Adv. Agr. Entomol., Lab.....						
AGRONOMY							
109	Advanced Soil Management (First 2½ weeks.)	3	1, 2	D	Agr.	301	Karraker
114a	Specific Crops (Tobacco) (Second 2½ weeks.)	2	1, 2	D	Agr.	304	Kinney
ANIMAL INDUSTRY							
19	Genetics	3	4	D	Agr.	303	Anderson
106	Pork Production, Lec.	3	9:50-10:40	D	D	113	Wilford
	Pork Production, Lab.						
107	Sheep Production	3	4	D	Agr.	301	Horlacher
S124	Dairy Breeds, Lec.	3	1-3	D	D	212	Ely
	Dairy Breeds, Lab. (First 2½ weeks)						
FARM ENGINEERING							
101b	Special Problems	3	1-4	D	AE	201	Kelley
MARKETS AND RURAL FINANCE							
132	Current Developments in Agricultural Marketing	3	2	D	Agr.	303	H. B. Price
HOME ECONOMICS							
16	Elementary Nutrition	3	1	D	Agr.	205	Grundmeier
{ 46	Clothing	4	3, 4	D	Agr.	202	Wade
or							
{ 47	Advanced Clothing	3	3, 4	D	Agr.	202	Wade
{ 112	Public School Nutrition	3	3, 4	D	Agr.	205	Grundmeier
or							
{ 119b	Experimental Cookery	3	3, 4	D	Agr.	103	Grundmeier
{ 116	Advanced Costume Design (First 2½ weeks.)	3	1, 2	D	Agr.	202	Wade
or							
{ 117	Interior Decoration	3	1, 2	D	Agr.	202	Wade
	(First 2½ weeks.)						

FIRST TERM
COLLEGE OF ENGINEERING

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
CIVIL ENGINEERING							
8	Residential Architecture	3	3	D	C&P	108	Meriwether
74	Structural Design	1.3	15 hrs. By	Appt.	MH	104	Jett
DRAWING							
1a	Mechanical Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
1b	Mechanical Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
4a	Advanced Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
4b	Advanced Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
ELECTRICAL ENGINEERING							
1	Elements of Electrical Eng.	3	4	D	MH	202	Freeman
3	Alternating Currents	3	2	D	MH	202	Freeman
2	D. C. Dynamos	2	4	D	MH	209	Barnett
6	Elec. Equip. Problems	1.3	12 hrs. By	Appt.	MH	104	Wilkins
7	Dynamos Design	2	22 hrs. By	Appt.	MH	104	Barnett
9a	Electrical Lab.	1	5, 6	MWF	MH	108	Wilkins
9b	Electrical Lab.	1	5, 6	MWF	MH	108	Wilkins
8	Transformer Design	0.7	8 hrs. By	Appt.	MH	104	Barnett
ENGINEERING MECHANICS							
1	Mechanics of Materials	5	1, 2	D	MH	201	Johnson
6	Analytical Mechanics	5	3, 4	D	MH	201	Johnson
7	Machine Design	2.3	18 hrs. By	Appt.	MH	104	Jett
MECHANICAL ENGINEERING							
2	Valve Gears	2.0	4	D	MH	104	Jett
6	Steam Engine Design	1.3	12 hrs. By	Appt.	MH	104	Jett
13	Prin. of Engin. Thermo.....	2	2	D	MH	208	Porter
PRACTICAL MECHANICS							
†7a	Wood Shop	2.7	24 hrs. By	Appt.	NS		Thurman and others
†7b	Wood Shop	2.7	24 hrs. By	Appt.	NS		Thurman and others
†8a	Forge, Machine & Auto Shops..	2	18 hrs. By	Appt.	NS		Thurman and others
†8b	Forge, Machine & Auto Shops..	2	18 hrs. By	Appt.	NS		Thurman and others

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

COLLEGE OF LAW

165a	Trusts I	2	2	D	LB	103	Evans
104a	Property I	2	2	D	LB	102	Roberts
123	Negot. Instruments	2	1	D	LB	103	Roberts
154	Damages	2	3	D	LB	103	Randall
176	Trade Regulation	2	4	D	LB	103	Evans

FIRST TERM
COLLEGE OF EDUCATION

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ADMINISTRATION							
101	The following course not open to Freshmen & Sophomores: School Organization	3	1	D	TS	231	Chamberlain
202	The following courses open only to graduate students: Local School Administration....	3	2	D	FH	105	Hill
204a	Administration of Higher Education	3	3	D	A	6	McVey
213	Financing Public Education....	3	4	D	FH	105	Hill
232	High School Administration....	3	1	D	TS	224	Ligon
290a	The Registrar's Field of Adm.	2	By Appt.	A	A	112	Gillis
290b	Continuation of 290a	2	By Appt.	A	A	112	Gillis
291	Problems in the Registrar's Field of Administration.....	2	By Appt.	A	A	112	Gillis
The following courses open only to second and third year graduate students:							
301a, b	Special Problems in School Administration	3	By Appt.	TS	232	Chamberlain and Hill	
321a, b	Special Problems in Higher Education	3	By Appt.	TS	128	Taylor and Chamberlain	
AGRICULTUR'L EDUCATION							
179	The following course not open to Freshmen & Sophomores: Determining Content in Vocational Agriculture (Offered first 2½ weeks)	3	By Appt.	D	TS	226	Hammonds
The following courses open only to graduate students:							
281	Teaching Prevocational Agriculture (Offered first 2½ weeks)	3	By Appt.	D	TS	220	Woods
287b	Selecting Teaching Materials (Offered second 2½ weeks)....	3	By Appt.	D	TS	226	Woods
287c	Evening Schools (Offered second 2½ weeks)	3	By Appt.	D	TS	219	Hammonds
289	Research in Agricultural Education	3	By Appt.	TS	220	Woods	
COMMERCIAL EDUCATION							
158	The following course not open to Freshmen & Sophomores: Methods of Teaching Commercial Subjects	3	3	D	WH	207	Lawrence

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	EDUCATION'L PSYCHOLOGY						
16	Educational Psychology	3	4	D	FH	205	Patrick
	The following course not open to Freshmen & Sophomores:						
122	Educational Tests and Measurements for High School Teachers	3	3	D	TS	222	Ross
	The following course open only to graduate students:						
223	Educational Statistics	3	4	D	TS	140	Ross
	ELEMENTARY EDUCATION						
2	Methods of Teaching the Common Branches	3	4	D	TS	222	
6	Introduction to Practice Teaching	3	By Appt.	D	TS	136	Duncan and Trn. Teachers
20	Industrial Arts in the Elementary School	2	4	D	TS	134	Haines
42	Teaching Arithmetic in the Elementary School	3	6	D	TS	222	
44	Teaching Social Studies in the Elementary School	3	1	D	TS	131	Haines
	The following courses not open to Freshmen & Sophomores:						
172	Teaching of Reading in the Elementary School	3	2	D	TS	131	Duncan
173	Teaching Literature to Children	3	4	D	TS	131	Duncan
R133	Directed Teaching in the Elementary School (Srs. only. For those who have had Educ. 6 or its equivalent).....	4	By Appt.	D	TS	136	Duncan and Trn. Teachers
S133	Directed Teaching in the Elementary School (Srs. only).....	5	By Appt.	D	TS	136	Duncan and Trn. Teachers
	The following courses open only to graduate students:						
212	The Elementary School	3	3	D	TS	224	Chamberlain
308a, b	Special Problems in Elementary Education (Second and third years only)	3	By Appt.		TS	232	Chamberlain and Duncan
	HISTORY OF EDUCATION						
	The following course not open to Freshmen:						
10a	Moral and Esthetic Education	3	4	D	TS	231	Noe
	The following course open only to graduate students:						
219	Great Educators and Their Work	3	3	D	TS	231	Noe
220	Comparative Education	3	4	D	TS	224	Taylor

FIRST TERM

COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
HOME ECONOMICS EDUCATION							
The following courses not open to Freshmen & Sophomores:							
164	Method of Teaching Child Care (Offered first 2½ weeks, June 11-27)	3	2 & 5	D	TS	104	Parker
178	Method of Teaching Home Management and Family Relations in Jr. and Sr. High Schools (Offered second 2½ weeks, June 27-July 24)	3	2 & 5	D	TS	104	Parker
The following courses open only to graduate students:							
263	Current Problems in Home Economics Education (Offered first 2½ weeks, June 11-27)	3	1 & 4	D	TS	104	Spickard
268	Home Economics Curriculum Construction (Offered second 2½ weeks, June 27-July 24)	3	1 & 4	D	TS	104	Spickard
PHILOSOPHY of EDUCATION							
35	Survey of Education	3	3	D	TS	131	Taylor
The following course not open to Freshmen & Sophomores:							
175a	Modern Educational Problems	2	3	D	FH	105	
The following courses open only to graduate students:							
205	Review of Educational Literature	3	2	D	TS	140	Adams
222b	Thesis Course	3		By Appt.	TS	128	Taylor
227b	Technique of Curriculum Making*	3	5	D	TS	140	Adams
230	Adv. Educational Sociology.....	3	1	D	FH	105	Patrick
SECONDARY EDUCATION							
The following course not open to Freshmen & Sophomores:							
105	Technique of Teaching	3	2	D	TS	224	Ligon
The following courses open only to Seniors:							
153	Directed Teaching in English..	6	By Appt.	D	TS	126	Crayton and Anderson
154	Directed Teaching in Languages	6	By Appt.	D	TS	101	West, Shipman

*This course is especially recommended to persons working on the subcommittees of the Kentucky Curriculum Study and may be done as a problem course.

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	No. Ctrs.	Hour	Days	Bldg.	Room No.	Instructor
	SECONDARY EDUCA.—Cont.						
155	Directed Teaching in the Sciences	6	By Appt.	D	TS	126	Kemper, Keffer
156	Directed Teaching in Mathematics	6	By Appt.	D	TS	126	Crayton, Mitchell
157	Directed Teaching in the Social Sciences	6	By Appt.	D	TS	126	Crayton, Peck
169a	Directed Teaching in Physical Education	2.5	By Appt.	D	Gym. Anx.		Potter
186	Visual Instruction	3	2	D	FH Aud.		Clifton
	The following course open only to second and third year graduate students:						
307a, b	Special Problems in Secondary Education	3		By Appt.	TS		Ligon, Chamberlain

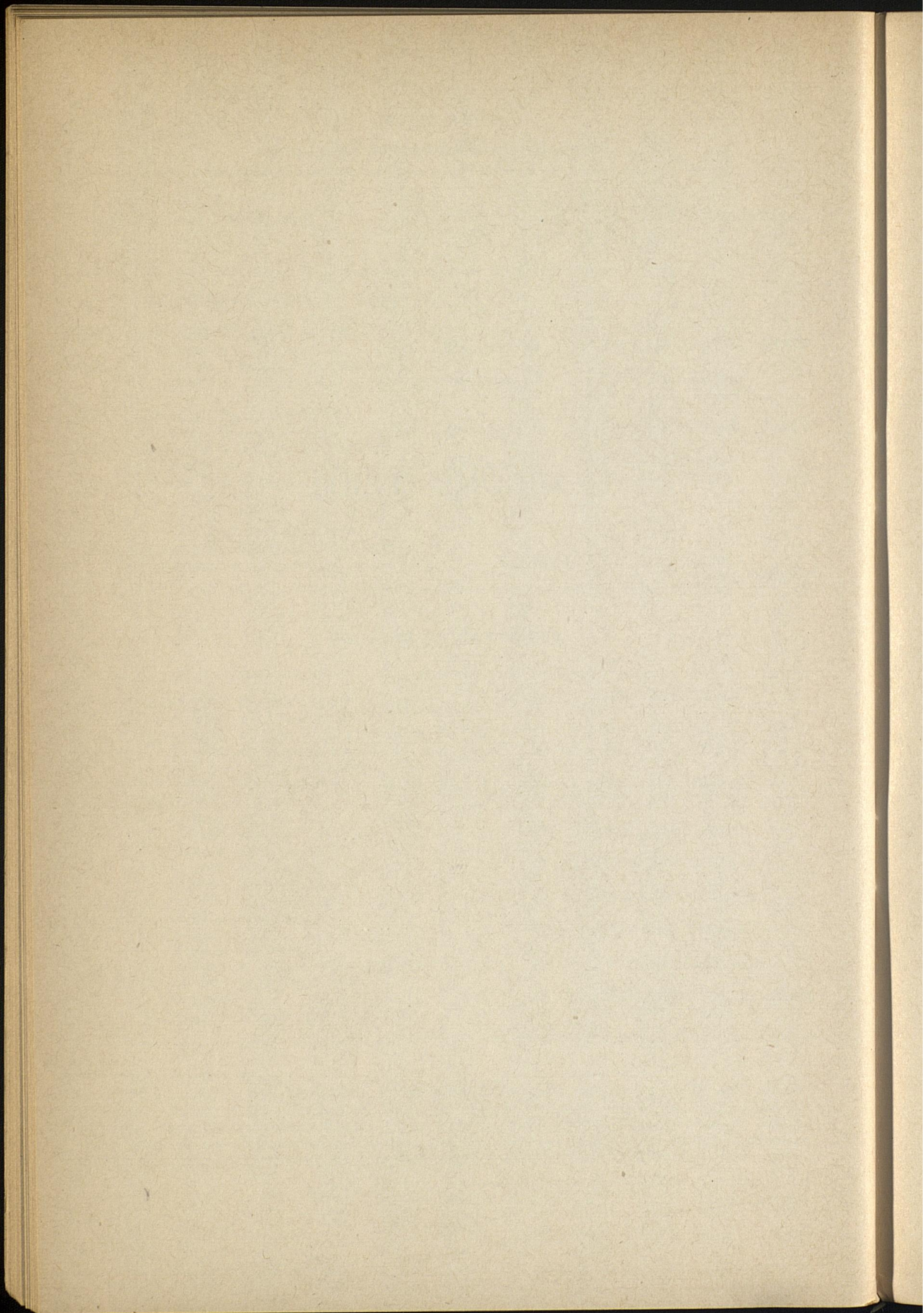
COLLEGE OF COMMERCE

1	Principles of Economics..... (Not open to Freshmen.)	3	3	D	WH	306	Wiest
7a	Principles of Acc'ting, Lec... }	4	1	D	WH	301	Haun
7a	Principles of Acc'ting, Lab... }		5, 6	MWF	WH	401	Haun
	(Not open to Freshmen.)						
*12	Economic Geography of N. A...	3	1	D	WH	303	Jennings
104	Government Finance	3	2	D	WH	306	Sullivan
	(Prereq. Course 1.)						
107	Statistical Method	3	5	D	WH	306	Palmer
	(Prereq. Course 1.)						
135	Advanced Marketing	3	1	D	WH	301	McIntyre
	(Prereq. Course 1.)						
136	Sales Management	3	3	D	WH	301	McIntyre
	(Prereq. Course 1.)						
143	Life Insurance	3	4	D	WH	303	Averett
	(Prereq. Course 1.)						
145	Problems in Office Managem't	3	2	D	WH	207	Lawrence
**146	Recovery Legislation and Problems	3	3	D	WH	303	Wiest & others
211	Advanced Money and Banking	3	6	D	WH	205	Wiest

*Open to Freshmen.

**This course will be taught by specialists in their respective fields as follows: Palmer, Carter, Price, Horlacher, Nicholls, Wiest, Erikson, McIntyre, Best, Sullivan, Martin, Chambers, Averett, Evans, Cole, Vandenbosch, McVey. Departments of instruction involved are Commerce and Economics, Agricultural Economics, Home Economics, Farm Management, Political Science, Sociology, Public Health, and Law.

SECOND TERM



SECOND TERM

COLLEGE OF ARTS AND SCIENCES

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ANATOMY and PHYSIOLOGY							
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 105a, 105b, 116a, 116b, and 7 additional credits of advanced work in Anatomy and Physiology.							
Requirements in Field of Concentration: Forty credits in the field of Biological Sciences, including the major work.							
1b	General Physiology	3	1	D	S	205	Sherwood
{	S2b ₁ Physiology, Physical Ed., Rec.	2	10:15-	MWF	S	205	Sherwood
	11:05						
{	S2b ₂ Physiology, Physical Ed., Lab.		1:30-	MWF	RL	101	Sherwood
	3:30						
The following courses are not open to Sophomores:							
{	105b ₁ Human Osteology, Lec., Rec.....	3	10:15-	TThS	S	205	Sherwood
	11:05						
	105b ₂ Human Osteology, Lab.		2 hrs. By	Apt. D	S	207	Sherwood
S106b	Endocrinology	2	8:25-9:15	D	S	205	Sherwood
ANCIENT LANGUAGES							
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 & Sophomores:							
S150b	Teachers' Course in Latin.....	2	7:25-8:15	D	A	303	Jones
S110a, b	Latin Literature (Selections)...	2	8:25-9:15	D	A	303	Jones
S122a	Greek Literature (in English)...	2	9:50-10:40	D	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
Not open to lower division students:							
105	Ethnology	2	3	D	Museum		Funkhouser
BACTERIOLOGY							
Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52 or							

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
BACTERIOLOGY—Cont.							
102. Required: Two credits in Seminar, plus an additional thirteen 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 years' course 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. This course also fits the especially adapted student for either commercial or research laboratory work 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. Graduates of this course who may desire to enter medical school will have all the requirements of the American Medical Association and the Association of American Medical Colleges for entrance to all Class A medical schools.							
*8	Bacteria in Relation to Man....	2	8:25-9:15	D	KH	B14	Weaver
The following courses not open to Sophomores:							
{ 106 ₁	Bacteriology of Foods,	4	9:50-10:40	D	KH	B14	Weaver
106 ₂	Lec.						
	Bacteriology of Foods, Lab.						
110a	Laboratory Diagnosis, Lab.....	3	1, 2	D	KH	Sb12	Weaver
201b	Research in Bacteriology	5	By Appt.		KH	Sb11	Scherago
(Graduate students only.)							
BOTANY							
Requirements for a Major. Prerequisites: Botany 7a, 7b. Required: At least 15 hours advanced Botany including Botany 12.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
*7b	General Botany	3	1	D	WH	101	McInteer
19	Dendrology	2	2	D	WH	101	McInteer
15	Local Flora (Plant identification)	3	1-6 afternoon MT		WH	101	McFarland
The following course not open to lower division students:							
106b	Independent Work—Special Problem	3	By Appt.				McFarland, McInteer
(Students taking this course must have at least 18 hours of Botany.)							
CHEMISTRY							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, b, and either 101 or 131a, b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor		
CHEMISTRY—Cont.									
*1b	General Inorganic Chemistry..	5	7:25-11:05	D	KH	101 200 201	} Mitchell		
7	Organic Chemistry	4	7:00-9:40	D		KH		209 215	} Barkenbus
8	Quantitative Analysis	5	7:25-12:30	D				KH	
The following courses not open to Sophomores:									
106	Advanced Organic Chemistry..	5	By Appt.	D	KH	215	Barkenbus		
109	Quantitative Analysis	5	7:25-12:30	D	KH	111 115	} Tuttle		
114	Adv. Quantitative Analysis.....	5	7:25-12:30	D		KH		111 115	} Tuttle
204a	Organic Chemistry	5	By Appt.	D	KH		215	Barkenbus	
204b	Organic Chemistry	5	By Appt.	D		KH			215
ECONOMICS									
Requirements for a Major. Prerequisites: Junior standing; six credits of Economics. Required: A minimum of 15 credits of advanced work in Economics.									
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.									
*8	Economic Geography	3	1	D	WH	303	Carter		
The following courses not open to lower division students:									
102	Labor Problems	3	3	D	WH	306	Carter		
110	Business Cycles	3	5	D	WH	306	Palmer		
124	State and Local Taxation	3	2	D	WH	306	Sullivan		
134	Adv. Econ. History of U. S.....	3	4	D	WH	303	Jennings		
215	Contemporary Econ. Thought..	3	6	D	WH	306	Sullivan		
ENGLISH									
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	6	D	McVH	210	Shannon		
*1b	English Composition	3	2	D	McVH	210	Ward		
3b	History of English Literature..	3	3	D	McVH	210	Ward		

*Open to Freshmen.

SECOND TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ENGLISH—Continued.							
The following courses not open to Sophomores:							
124	Renaissance	3	4	D	McVH	206	Gallaway
106	English Romanticism	3	3	D	McVH	204	Brady
152	Age of Pope	3	2	D	McVH	206	Gallaway
The following course open to graduate students only:							
210b	Seminar	2	4	D	McVH	204	Brady
GEOLOGY							
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.							
Requirements in the Field of Concentration: Forty credits in the Field of Physical Science, including the major work.							
*S22b	Elementary Geology	2	1	D	S	203	Robinson
*18a	Elements of Geography	3	3	D	S	203	Robinson
*18b	Elements of Geography	3	4	D	S	203	Robinson
*14	Elementary Field Geology	1	1-5 p. m.	W	S	203	McFarlan
S10b	Geology of Kentucky	2	2	D	S	203	McFarlan
GERMAN LANGUAGE AND LITERATURE							
Requirements for a Major. Prerequisite Courses: 1a, 1b, 2a, 2b. Required: A minimum of 18 credit hours of advanced work in German.							
Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work.							
*1a	Elementary German	3	2	D	A	204	Bigge
*1b	Elementary German	3	2	D	A	204	Bigge
(Prereq. 1a.)							
*2a	Intermediate German	3	3	D	A	204	Bigge
(Prereq. 1b.)							
*2b	Intermediate German	3	3	D	A	204	Bigge
(Prereq. 2a.)							
3b	Selected Readings	3	By Appt.	D	A	204	Bigge
(Prereq. 2b.)							
6b	Scientific German	3	By Appt.	D	A	204	Bigge
(Prereq. 2b.)							
The following courses are not open to lower division students:							
102a	Twentieth Century Literature..	3	By Appt.	D	A	204	Bigge
105b	Independent Work	3	By Appt.	D	A	204	Bigge
Note: No credit will be given for duplicating work done in high school. If one unit of German is offered for entrance, take 1b. A passing grade in the second semester's work is necessary before the first semester's work is credited.							
HISTORY							
Requirements for a Major. Prerequisites: History 2a, 2b, or 4a and 4b. Required: A							

*Open to Freshmen.

SECOND TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
HISTORY—Continued.							
minimum of 18 credits of advanced courses in History. Should include two courses in Historiography and Criticism.							
Requirements in Field of Concentration: Forty credits in the Field of Social Science, including the major work, in courses not open to freshmen.							
*S2b	History of British People Since 1500	2	8:25-9:15	D	FH	301	Hall
*S4b	Modern Europe Since 1789	2	7:00-7:45	D	FH	301	Hall
*5b	History of the U. S.	3	2	D	FH	204	Clark
40	History of Kentucky	2	11:15-12:00	D	FH	204	Clark
The following course not open to lower division students:							
160	Civil War Period in Kentucky..	2	9:50-10:35	D	FH	204	Clark
The following course open only to graduate students:							
S231	British Empire Since 1815.....	2	11:15-12:00	D	FH	301	Hall
HYGIENE AND PUBLIC HEALTH							
*1	Personal and Community Health	1	2	D	Adm.	4	Heinz
*9	Hygiene for Teachers	2	4	D	Adm.	4	Heinz
S100b	Public Health	2	3	D	Adm.	4	Heinz
JOURNALISM							
Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108.							
Requirements in the Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work.							
The degree of A. B. in Journalism. Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. See outlines in general catalog.							
The following courses not open to lower division students:							
S102	Community Journalism	2	2	D	McVH	54	Portmann
(Small town and school newspapers.)							
S106	Ethics and Principles of Journalism	2	3	D	McVH	54	Portmann
LIBRARY SCIENCE							
Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 15 credits of work in Library Science. 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.							

*Open to Freshmen.

SECOND TERM

COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
LIBRARY SCIENCE—Cont.							
The following courses not open to lower division students:							
132	Library Work with Children.....	2	4	D	UL	314	Foster
154	Seminar	2	2	D	UL	314	Foster
MATHEMATICS AND ASTRONOMY							
Requirements for a Major. Prerequisites: Junior standing; courses 1, 2, 4, 5, 6. Required: A minimum of 18 credits of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis and one in Applications. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
*S4	Plane Trigonometry	4	8:25-10:15	D	McVH	104	LeSturgeon
S7b	Integral Calculus	2	7:00-7:50	D	McVH	128	Downing
S51a	Descriptive Astronomy	2	11:15-12:05	D	McVH	128	Downing
The following course not open to lower division students:							
S112	Infinite Series	2	9:50-10:40	D	McVH	128	Downing
The following course for graduate students only:							
S209	Theory of Functions of a Complex Variable	2	7:00-7:50	D	McVH	104	LeSturgeon
S110a-d	Independent Work	2		By Appt.	McVH		Staff
S203	Thesis	2		By Appt.	McVH		Staff
MUSIC							
Requirements for a Major. Prerequisites: Junior standing; Music 21a, 21b, 25a, 25b, 35a, 35b; Psychology 1. Required: Music 11a, 11b, 30a, 30b, 4a, 4b, 26; Music 19a, 19b; a minimum of 15 credits of advanced work in Music.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work.							
*19b	History and Appreciation	2	4	D	AC	7	Lampert
4a	Public School Music	2	1	D	AC	7	
4b	Public School Music	2	3	D	AC	7	
26	High School Music	2	2	D	AC	7	
S15b	Applied Music for B. S. in Music only (Violin, voice, piano, organ)	1		By Appt.			{ Lampert, Mrs. Lampert, Cullis
S18b							
S25b	Elementary Harmony	2	2	D	AC	8	Lampert
PHYSICS							
Requirements for a Major. Prerequisites: Junior standing; Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. Required: Mathematics 7a, b; Physics 15a, b; a minimum of 15 credits of advanced work in Physics; a comprehensive examination in the senior year.							

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PHYSICS—Cont.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
*1b ₁	Gen. Elem. Phys., Lect.....	5	1	D	C&P	200	Koppius
*1b ₂	Gen. Elem. Phys., Lect.....		2	D	C&P	103	Todd
*1b ₂₁	Gen. Elem. Phys., Lab.		3	D	C&P	308	Cleveland
4	Elem. Phys. Meas.	2	3	D	C&P	308	Cleveland
*51b	Introduction to Phys., Lect....	3	1	D	C&P	200	Koppius
3b	Gen. Col. Phys., Lect. & Rec. }	4	3	D	C&P	200	Koppius
3b	Gen. Col. Phys., Lect. & Rec. }		4	D	C&P	103	Todd
S6	Meas. in Elect. and Mag., Lect. and Lab.	2	1, 2	D	C&P	3	Koppius and Cleveland
The following courses not open to lower division students:							
S101	Theory of Heat	3		By Appt.			Koppius
S104	Theoretical Mechanics	3		By Appt.			Koppius
116b	Physical Manipulations	1		By Appt.			Todd
125b	Independent Work	3		By Appt.			Staff
S223b	Gen. Phys. (for Grad. Ed. Students)	6		By Appt.			Staff
POLITICAL SCIENCE							
Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. Required: Political Science 155a, 155b, or 159a, 159b; 190a, 190b; a minimum of 15 credits of advanced work in Political Science.							
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 lower division students:							
172	Kentucky Government and Constitution	3	1	D	A	302	Manning
155b	Comparative Government	3	4	D	A	302	Trimble
The following course open to graduate students only:							
203	Public Administration	3	2	D	A	202	Manning
PSYCHOLOGY							
Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and b, 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	Asher
The following courses not open to lower division students:							
110	Experimental Methods	3		By Appt.	NH	204	White
113	Psychology of Learning	3		By Appt.	NH	204	White
120a-d	Independent Work	2		By Appt.	NH	200	Staff

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PSYCHOLOGY—Cont.							
114	Abnormal Psychology	3	3	D	NH	300	White
109a or b	Diagnosis of Development	2		By Appt.	NH	302	Asher
The following course open only to graduate students:							
215	Measurements of Human Relationships	3		By Appt.	NH	302	Asher
203a or b	Problems in Psychology	2		By Appt.	NH	200	Staff
Travel Course in Psychology							
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					
ROMANCE LANGUAGES							

Requirements for a Major. Prerequisites: Junior standing; Romance Languages 1a, b, 2a, b, 6a, b, 5a, b; a minimum of 15 credits of advanced work in Romance Languages.

Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work.

*1b	Elementary French	2	4	D	S	306	Schick
*2a	Intermediate French	2	4	D	S	306	Schick
*2b	Intermediate French	2	4	D	S	306	Schick
The following courses not open to lower division students:							
110b	XVII Cent. French Literature..	2	3	D	S	306	Schick
113b	Advanced French, Grammar, Syntax	2	2	D	S	306	Schick
114a, b, c, d	Independent Work in Romance Languages	2		By Appt.			Schick

SOCIOLOGY

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

Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.

*1b	Principles of Sociology	3	1	D	FH	106	Montgomery
107	Community Welfare Work..... (Open only to students of Junior rank or above.)	3	2	D	FH	106	Montgomery

ZOOLOGY

Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. **Required:** Zoology 7a, b, or 157a, b; Zoology 106; Zoology 108a, b; Zoology 114a, b; a minimum

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ZOOLOGY—Cont.							
of fifteen credits of work above 1a, b; passing a comprehensive examination before graduation.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major.							
The following courses not open to lower division students:							
{ 101a ₁	Histology, Rec.	3	3	D	S	108	Brauer
{ 101a ₂	Histology, Lab.		1, 2	D	S	5	Brauer
101b	Histology	3		By Appt.			Brauer
108b	Principles of Zoology (Heredity)	2	4	D	Mus.	1	Funkhouser
110a-d	Independent Work	3		By Appt.			Brauer
Note: For Ethnology, see Anthropology and Archaeology.							

COLLEGE OF AGRICULTURE

ANIMAL INDUSTRY							
111a	Special Problems in Animal Husbandry	3	1	D	Agr.	301	Horlacher
			(Or by Appt.)				
120	Systems of Livestock Prod.	3	3	D	Agr.	301	Horlacher
HOME ECONOMICS							
42	Home Management, Lec.....	5	9:50-10:40	D	Agr.	205	Deephouse
42	Home Management, Lab.....						
{ 201	Advanced Home Management and Family Relationships (First 2½ weeks)	3	1, 2	D	Agr.	205	Deephouse
{ or	115 Child Care and Training (First 2½ weeks)	3	1, 2	D	Agr.	205	Deephouse

COLLEGE OF ENGINEERING

CIVIL ENGINEERING							
21	Hydraulics	2	4	D	MH	201	Hawkins
ELECTRICAL ENGINEERING							
2	D. C. Dynamos	2	3	D	MH	202	Bureau
7	Dynamo Design	2.3	22 hrs.	By Appt.	MH	104	Bureau
3	Alternating Currents	3	4	D	MH	202	Freeman
9b	Electrical Lab.	1	5, 6	MWF	MH	108	Wilkins

SECOND TERM
COLLEGE OF ENGINEERING—Continued.

Course No.	SUBJECT	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
6	ENGINEERING MECHANICS						
	Analytical Mechanics	5	2, 3	D	MH	201	Johnson
8	MECHANICAL ENGINEERING						
	Steam Laboratory	2	5, 6, 7	TTh	MH	112	Porter

COLLEGE OF LAW

165b	Trust II	2	4	D	LB	103	Moreland
104b	Property II	2	4	D	LB	102	Randall
177	Statutory Interpretation	2	2	D	LB	103	Murray
178	Creditor's Rights	2	3	D	LB	103	Moreland
170	Legal Ethics	2	1	D	LB	103	Murray

COLLEGE OF EDUCATION

ADMINISTRATION							
101	The following course not open to Freshmen & Sophomores:						
	School Organization	3	2	D	TS	224	Chamberlain
203	The following courses open only to graduate students:						
	Constitutional and Legal Basis of Public School Administration	3	2	D	TS	101	Ligon
210	Special Problems in School Administration	3		By Appt.	TS	232	Chamberlain
213	State School Administration.....	3	4	D	TS	224	Chamberlain
225	Supervision of Instruction	3	4	D	TS	131	Crawford
AGRICULTURAL EDUCATION							
280	The following courses open only to graduate students:						
	Method in Teaching Vocational Agriculture (Offered second 2½ weeks)	3	By Appt.	D	TS	226	Hammonds
287c	Evening Schools (Offered first 2½ weeks)	3	By Appt.	D	TS	226	Woods
287d	Directing Farm Practice (Offered first 2½ weeks)	3	By Appt.	D	TS	219	Hammonds
289	Research in Agricultural Education	3		By Appt.	TS	219	Hammonds

SECOND TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Cts.	Hour	Days	Bldg.	Room No.	Instructor
COMMERCIAL EDUCATION							
The following courses not open to Freshmen & Sophomores:							
159	The Commercial Curriculum.....	3	2	D	WH	207	Lawrence
192	Methods and Materials in Junior Business	3	3	D	WH	207	Lawrence
EDUCATION'L PSYCHOLOGY							
The following courses not open to Freshmen & Sophomores:							
122	Educational Tests and Measurements for High School Teachers	3	1	D	TS	231	Ross
147	Foundations of Secondary Education	3	2	D	TS	131	Ross
ELEMENTARY EDUCATION							
2	Methods of Teaching the Common Branches	3	3	D	TS	107	Haines
S37	Teaching of English in the Elementary School	2	2	D	TS	107	Haines
42	Teaching of Arithmetic in the Elementary School	3	1	D	TS	131	Duncan
The following course not open to Freshmen & Sophomores:							
172	Teaching of Reading in the Elementary School	3	3	D	TS	222	Duncan
HISTORY OF EDUCATION							
The following course not open to Freshmen:							
10b	Moral and Esthetic Education..	3	4	D	TS	231	Noe
The following course not open to Freshmen & Sophomores:							
121	History of Education in the United States	3	3	D	TS	231	Noe
HOME ECONOMICS EDUCATION							
One of the following courses will be offered the first 2½-week period (July 16-Aug. 1) and another the second 2½-week period (August 1-18). The courses offered will depend upon the number choosing the course.							

SECOND TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	HOME ECON. EDUA.—Cont.						
165	The following courses not open to Freshmen & Sophomores: Problems in Vocational Education	3		By Appt.	TS	104	Parker or Spickard
178	Method of Teaching Home Management and Family Relations in Jr. and Sr. High Schools	3		By Appt.	TS	104	Parker or Spickard
263	The following courses open only to graduate students: Current Problems in Home Economics Education	3		By Appt.	TS	104	Parker or Spickard
266	Seminar in Home Economics Education	3		By Appt.	TS	104	Parker or Spickard
268	Home Economics Curriculum Construction	3		By Appt.	TS	104	Parker or Spickard
	PHILOSOPHY of EDUCATION						
35	Survey of Education	3	5	D	TS	222	Taylor
200	The following courses open only to graduate students: Philosophy of Education	3	2	D	TS	140	Adams
222a	Thesis Course	3	3	D	TS	131	Taylor
227a	Principles of the Curriculum.....	3	3	D	TS	140	Adams
	SECONDARY EDUCATION						
105	The following course not open to Freshmen & Sophomores: Technique of Teaching	3	3	D	TS	224	Ligon
214	The following course open only to graduate students: The Secondary School	3	1	D	TS	224	Crawford

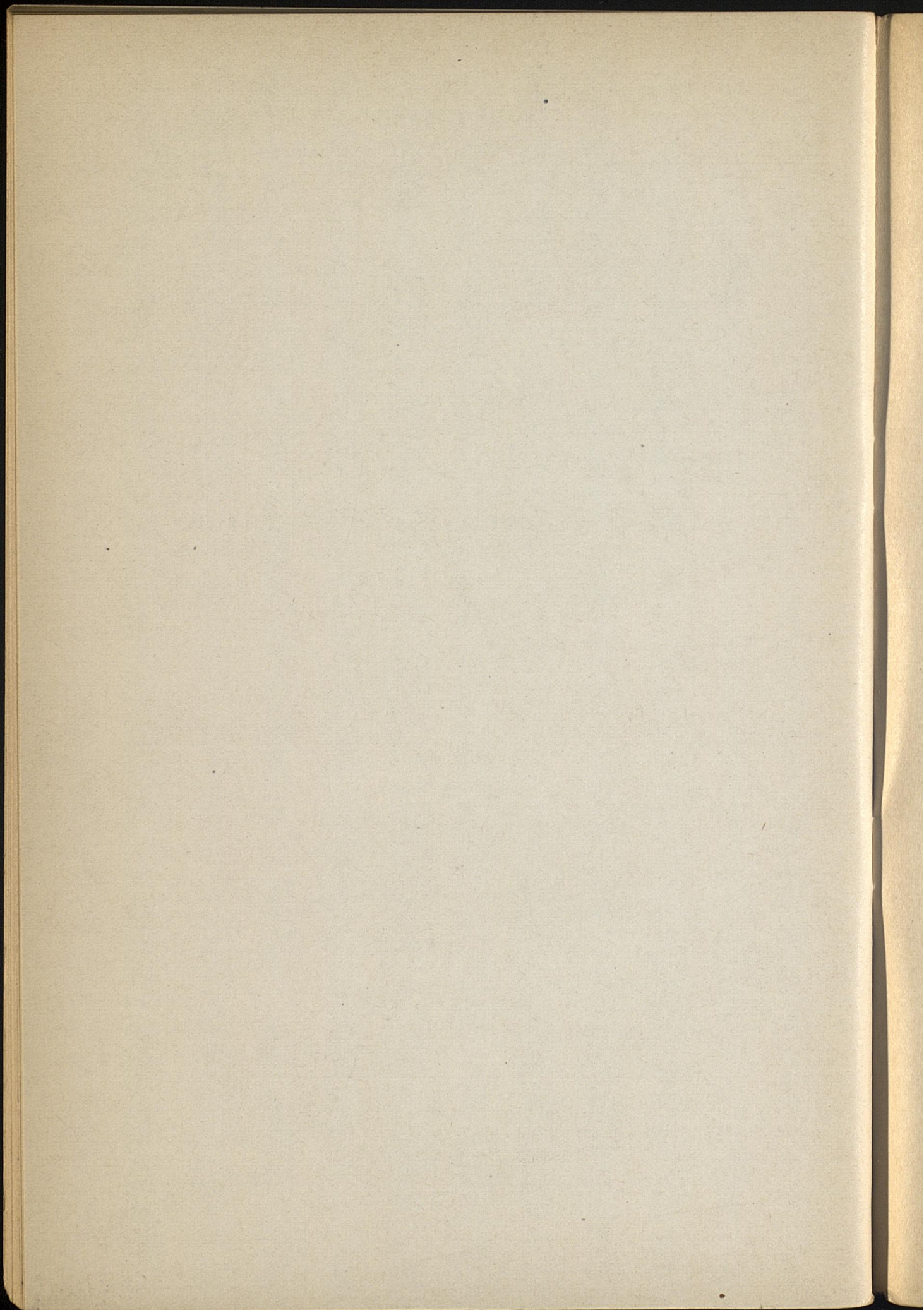
COLLEGE OF COMMERCE

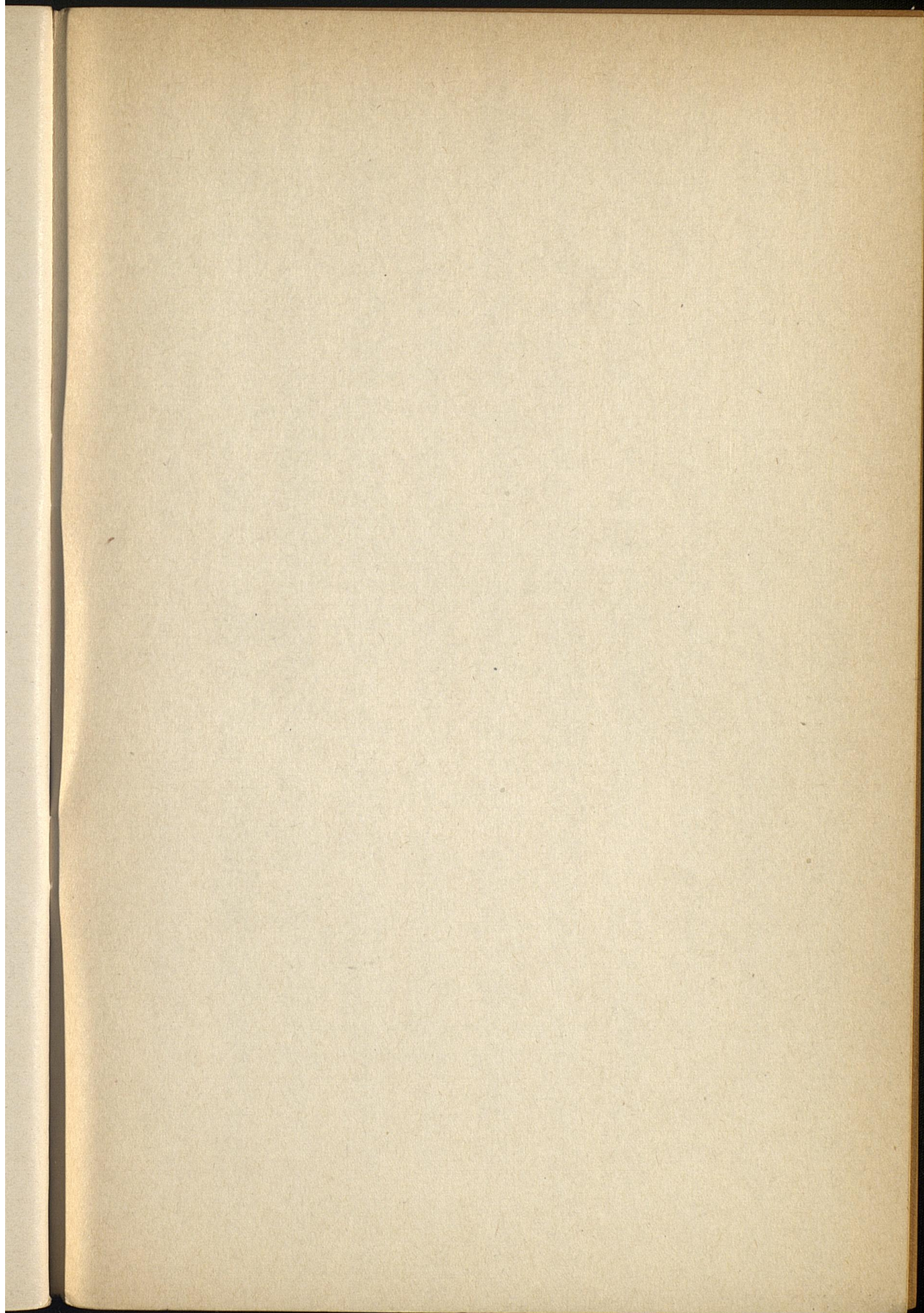
7b	Principles of Accounting, Lec.	4	1	D	WH	301	Haun
7b	Principles of Accounting, Lab. (Not open to Freshmen.)						
*8	Economic Geography	3	1	D	WH	303	Carter

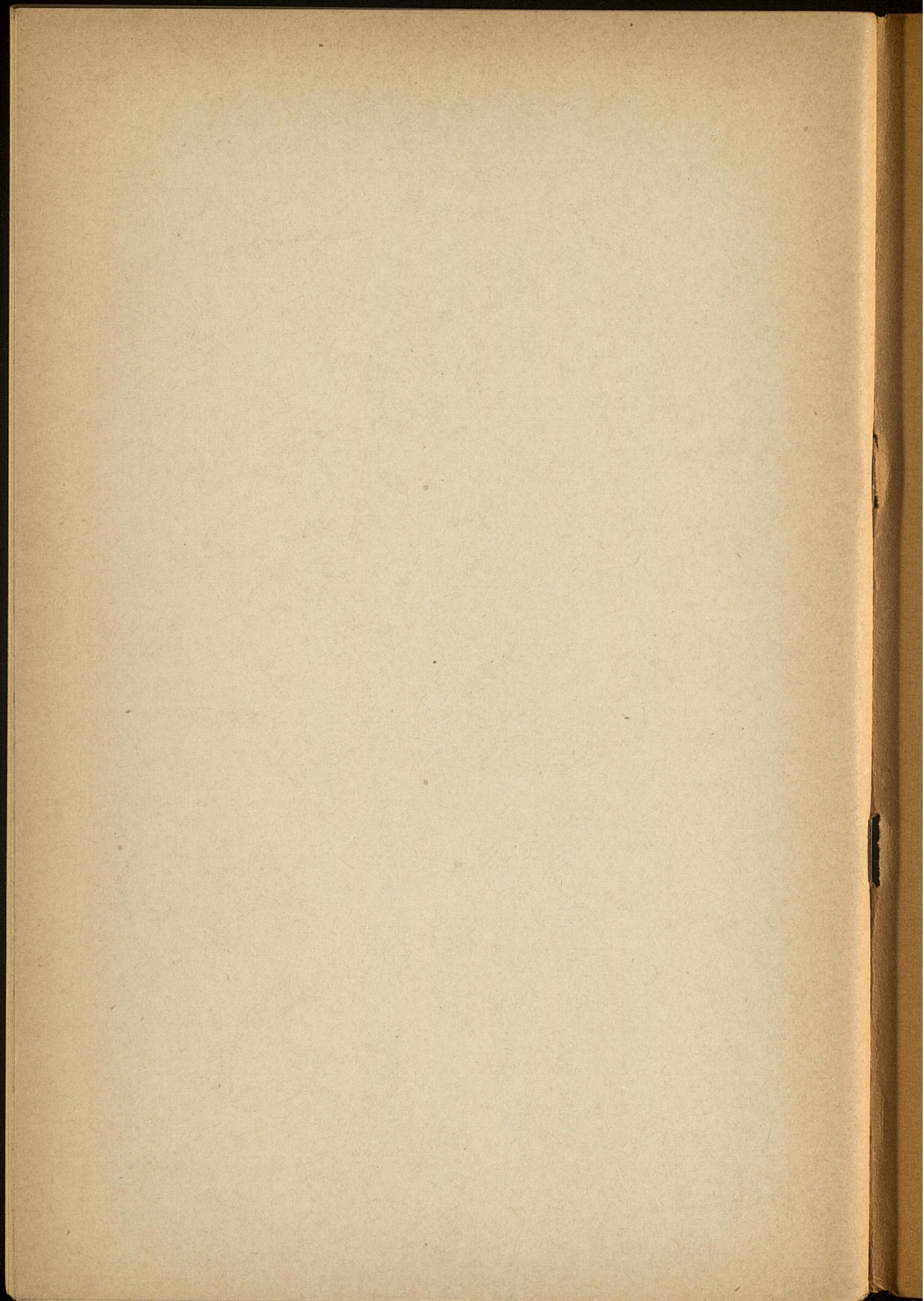
*Open to Freshmen.

SECOND TERM
COLLEGE OF COMMERCE—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
102	Labor Problems (Prereq. Course 1.)	3	3	D	WH	306	Carter
110	Business Cycles (Prereq. Course 1.)	3	5	D	WH	306	Palmer
117	Corporation Finance (Prereq. Course 1.)	3	4	D	WH	301	Averett
124	State and Local Taxation (Prereq. Course 1.)	3	2	D	WH	306	Sullivan
134	Advanced Economic History of the U. S. (Not open to students who have had course 3 except when doing graduate work.)	3	4	D	WH	303	Jennings
215	Contemporary Economic Thought	3	6	D	WH	306	Sullivan







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