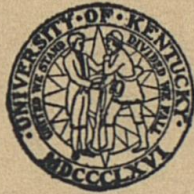


Days

BULLETIN

University of Kentucky



SUMMER SESSION 1935

First Term: June 10 to July 13

Second Term: July 15 to August 17

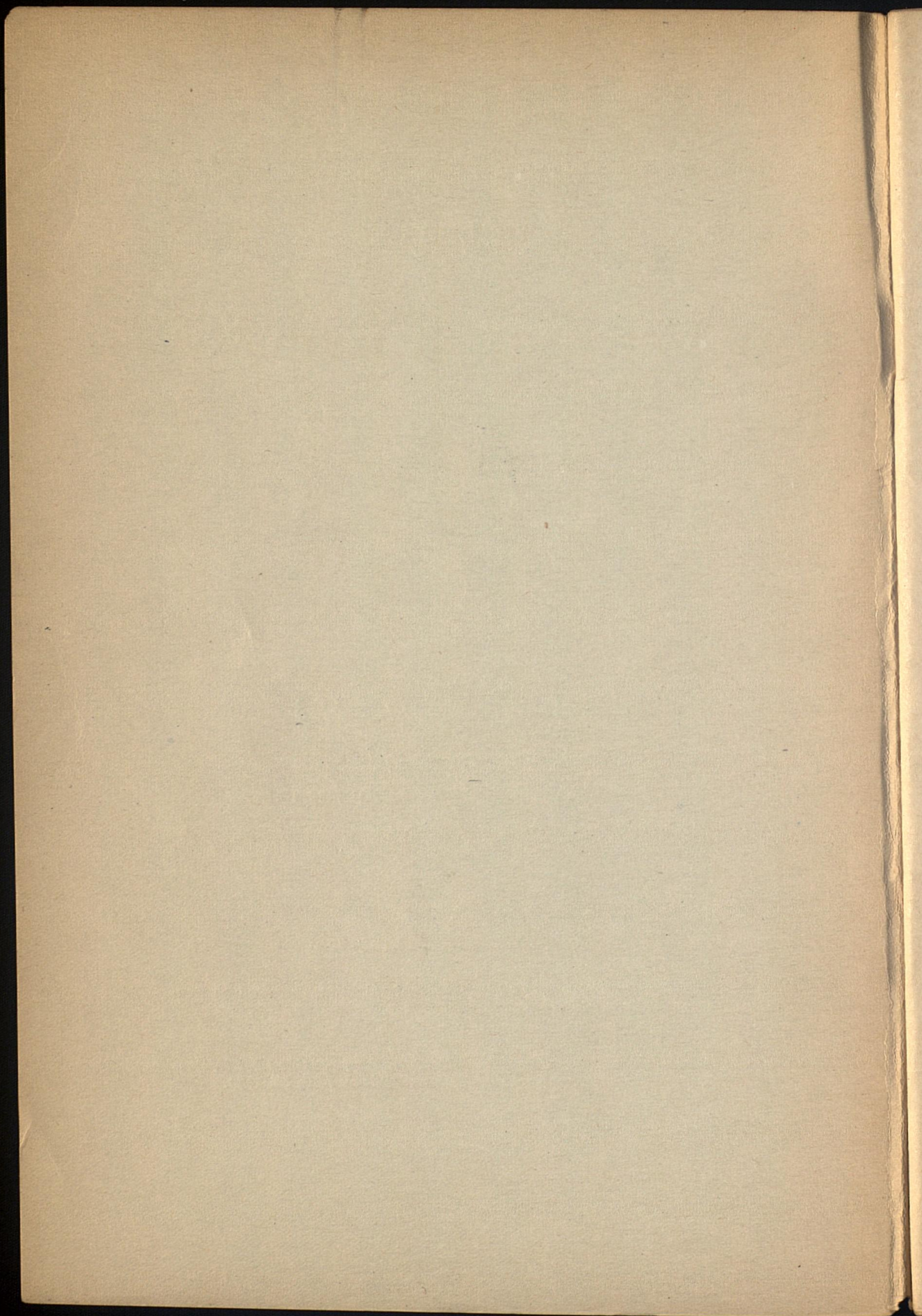
MARCH, 1935

Published by the University of Kentucky, Lexington. Entered as Second-Class Matter at the Post Office, Lexington, Ky., under the Act of July 16, 1894.

Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized June 30, 1920.

Vol. 27

No. 3



BULLETIN

University of Kentucky



SUMMER SESSION 1935

First Term: June 10 to July 13

Second Term: July 15 to August 17

UNIVERSITY ELEMENTARY SCHOOL

June 7 to July 12

UNIVERSITY HIGH SCHOOL

June 3 to July 12

CONTENTS

	Page		Page
Admission	23	Museum of Geology	19
Beauties of the Blue Grass..	18	Officers of Administration..	6
College of Agriculture		Officers of Summer Session	6
Schedule	49, 65	Physical Plant of the Uni-	
College of Arts and		versity	19
Sciences Schedule	39, 57	Placement Service	20
College of Commerce		Public Health Courses	22
Schedule	54, 68	Reduced Railroad Rates	25
College of Education		Refunds	26
Schedule	51, 66	Residence Requirements for	
College of Engineering		Graduation	28
Schedule	50, 65	Requirements for Gradua-	
College of Law Schedule..	51, 66	tion:	
Courses	22	College of Agriculture.....	31
Designation of Courses	25	College of Arts and	
Elementary School	21	Sciences	29
Ex-Service Men	21	College of Commerce	34
Explanations and Abbrevia-		College of Education	33
tions	38	College of Engineering	32
Extra-Curricular Events	3	College of Law	32
Faculty	7	The Graduate School.....	35
Fees	25	Room and Board	27
General Information	18	Schedule of Lectures and	
General Requirements for a		Recitations	38
Degree	28	Social Life	20
High School	21	Student Load	25
Late Registration	26	Summer Session	18
Length of Session	22	Summer Session Calendar..	5
Marking System	26	University Commons	20
Museum of Anthropology			
and Archaeology	19		

EXTRA-CURRICULAR EVENTS FOR THE 1935 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 13, 10:00 a. m.	Convocation in Memorial Hall
Thursday 13, 7:30 p. m.	President Frank L. McVey, speaker
Friday 14, 7:30 p. m.	Band Concert in Amphitheatre
Wednesday 19, 4:00-6:00 p. m.	Faculty Reception for students on lawn in front of Mechanical Hall
Thursday 20, 7:30 p. m.	Tea at Maxwell Place
Saturday 22, 9:00-12:00 p. m.	President and Mrs. McVey, hosts
Tuesday 25, 4:00 p. m.	Band Concert in Amphitheatre
Wednesday 26, 9:00 a. m.	Summer School Party in Patterson Hall
Wednesday 26, 4:00-6:00 p. m.	All-University Picnic for faculty and students at Joyland Park
Thursday 27, 7:30 p. m.	Convocation in Memorial Hall
	Tea at Maxwell Place
	President and Mrs. McVey, hosts
	Band Concert in Amphitheatre

JULY

Wednesday 3, 11:15 a. m.	Convocation in Memorial Hall
Wednesday 3, 7:30 p. m.	Band Concert in Amphitheatre
Tuesday 9, 7:30 p. m.	Musical Concert in Memorial Hall, Professor Carl Lampert, Director
Wednesday 10, 4:00-6:00 p. m.	Tea at Maxwell Place
Thursday 11, 7:30 p. m.	President and Mrs. McVey, hosts
	Band Concert in Amphitheatre

SECOND TERM

JULY

Wednesday 17, 4:00-6:00 p. m.	Tea at Maxwell Place
Thursday 18, 7:30 p. m.	President and Mrs. McVey, hosts
Friday 19, 9:50 a. m.	Faculty Reception for students on lawn in front of Mechanical Hall
	Convocation in Memorial Hall

Friday 19, 7:30 p. m.	Little Symphony Concert in Memorial Hall, Professor Carl Lampert, Director
Thursday 25, 7:30 p. m.	Little Symphony Concert in Memorial Hall, Professor Carl Lampert, Director
Saturday 27, 9:00-12:00 p. m.	Summer School Party in Patterson Hall
Wednesday 31, 7:30 p. m.	Little Symphony Concert in Memorial Hall, Professor Carl Lampert, Director

AUGUST

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

SUMMER SESSION CALENDAR

Monday	June 10	Registration for first term.
Tuesday	June 11	Classes begin.
Friday	June 14	Faculty meeting in McVey Hall, room 111.
Friday	June 14	Last date for making changes in registration or in schedule without payment of fee.
Monday	June 17	Last date upon which a student may register for credit for the first term's work.
Monday	June 17	Last date upon which a student may be dropped without a grade.
Saturday	June 29	Last date upon which a student may withdraw and receive a refund on matriculation fee for the first term.
Thursday	July 4	Holiday.
Friday	July 5	Faculty meeting in McVey Hall, room 111.
Saturday	July 13	Examinations for the first term.
Monday	July 15	Registration for second term.
Tuesday	July 16	Classes begin.
Friday	July 19	Faculty meeting in McVey Hall, room 111.
Friday	July 19	Last date for making changes in registration or in schedule without payment of fee.
Friday	July 19	Last date for making application for a degree.
Monday	July 22	Last date on which a student may register for credit for the second term's work.
Monday	July 22	Last date upon which a student may be dropped without a grade.
Saturday	August 3	Last date upon which a student may withdraw and receive a refund on matriculation fee for the second term.
Thursday	August 8	Faculty meeting in McVey Hall, room 111.
Friday	August 16	Commencement.
Saturday	August 17	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

FRANK LEROND McVEY, Ph. D., LL. D., President.
PAUL PRENTICE BOYD, Ph. D., Dean, College of Arts and Sciences.
THOMAS POE COOPER, B. S. in Agr., Dean, College of Agriculture.
WILLIAM EDWIN FREEMAN, E. E., Acting 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.
LOUIS CLIFTON, M. A., Acting Director of University Extension.
THEODORE TOLMAN JONES, Ph. D., Dean of Men.
SARAH BENNETT HOLMES, A. B., Dean of Women in the Summer Session.
EZRA L GILLIS, A. B., Registrar.
DAVID HOWARD PEAK, M. A., Business Agent.
MARGARET ISADORA KING, A. B., Librarian.

Faculty

- ADAMS, ESTELLE, M. A.
Second Grade Teacher, University Elementary School
- ADAMS, JESSE EARL, Ph. D.
Professor of Philosophy of Education; Director of the Summer Session
- ALLEN, RICHARD SWEETNAM, M. S.
Associate Professor of Anatomy and Physiology; Head of the Department
- ALLEN, WILLIAM RAY, Ph. D.
Professor of Zoology
- ANDERSON, GRACE, A. B.
Teacher of English, University High School
- ANDERSON, WALTER SEWELL, M. A.
Professor of Genetics
- ARCHER, FREDERICK, M. A.
Lecturer in Philosophy of Education; Superintendent of Schools, Louisville, Kentucky
- ARKLE, THOMAS MCKEE.
Instructor in Wood Shop
- ASHER, ESTON JACKSON, M. A.
Assistant Professor of Psychology
- BARKENBUS, CHARLES, Ph. D.
Professor of Chemistry
- BARKLEY, MARIE RODES, M. A.
Instructor in Home Economics
- BARNETT, BRINKLEY, B. M. E.
Assistant Professor of Electrical Engineering
- BECKLEY, FRANK MILWARD
Instructor in Machine Shop
- BEDFORD, MATTHEW HUME, Ph. D.
Professor of Chemistry
- BEST, HARRY, Ph. D.
Professor of Sociology; Head of Department

- BIGGE, ADOLPH E., Ph. D.
Professor of German; Head of the Department
- BOYD, PAUL PRENTICE, Ph. D.
*Dean, College of Arts and Sciences; Head of the Department of
Mathematics and Astronomy*
- BRADY, GEORGE K., Ph. D.
Associate Professor of English
- BRAUER, ALFRED, Ph. D.
Associate Professor of Zoology
- BREND, WILLIAM HUGO
Instructor in Machine Shop
- BROWN, MARION C., M. A.
Assistant Professor of Mathematics and Astronomy
- BUDD, RUTH, B. S. in Library Science
Instructor in Library Science
- BUREAU, ERNEST ADOLPHE, E. E.
Professor of Electrical Engineering
- CALDWELL, L. C., M. A.
*Visiting Instructor in Elementary Education; Superintendent of
Boyd County Schools, Catlettsburg, Kentucky* 2
- CARTER, LUCIAN HUGH, Ph. D.
Associate Professor of Economics
- CHAMBERLAIN, LEO MARTIN, Ph. D.
*Professor of Educational Administration; Director of Bureau of
School Service*
- CHAMBERS, JOHN SHARP, M. D.
Professor of Hygiene and Public Health; Head of the Department
- CLARK, THOMAS D., Ph. D.
Instructor in History
- CLYDE, PAUL H., Ph. D.
Professor of History
- CONROY, KATHERINE, M. A.
Sixth Grade Teacher, University Elementary School
- CRAWFORD, ALBERT BYRON, Ph. D.
*Lecturer in Educational Administration; Principal, Bryan
Station High School, Lexington, Kentucky* 3
- CRAYTON, SHERMAN G., Ph. D.
*Director of the University High School and the University
Elementary School*

- CULLIS, MRS. LELA
Instructor in Applied Music
- CURRIN, ALTHEA, M. A. 4
Visiting Instructor in Library Science; Librarian, Glenville High School, Cleveland, Ohio
- DANIEL, ETHELEEN, M. A.
Fifth Grade Teacher, University Elementary School
- DANTZLER, LEHRE LIVINGSTON, M. A.
Professor of English; Head of the Department
- DEEHOUSE, LAURA, M. S.
Instructor in Home Economics
- DOWNING, HAROLD HARDESTY, Ph. D.
Professor of Mathematics and Astronomy
- DUNCAN, MAY K., M. A.
Associate Professor of Elementary Education; Supervisor of Elementary Teacher Training
- EAGAN, MARY A., M. A. 5
Visiting Instructor in Hygiene and Public Health; New York City
- EAST, MARGARET L., R. N. 6
Visiting Instructor in Hygiene and Public Health; Director of Public Health Nursing, State Department of Health, Louisville, Kentucky
- ELY, FORDYCE, M. S.
Professor of Dairy Husbandry
- EVANS, ALVIN E., Ph. D., J. D.
Dean, College of Law; Professor of Law
- FARQUHAR, EDWARD FRANKLIN, M. A.
Professor of English
- FLYNN, CLARENCE F.
Assistant in Heating and Ventilating Laboratory
- FRANKLIN, ESTHER COLE, Ph. D.
Assistant Professor of Political Science
- FREEMAN, WILLIAM EDWIN, E. E.
Acting Dean, College of Engineering; Head of the Department of Electrical Engineering
- FUNKHOUSER, WILLIAM DELBERT, Ph. D.
Dean, Graduate School; Professor of Zoology and Archaeology; Head of the Department of Zoology

- GALLAWAY, WILLIAM FRANCIS, Ph. D.
Assistant Professor of English
- GILLIS, EZRA L, A. B.
Registrar of the University
- GREHAN, ENOCH BACON, A. B.
Professor of Journalism; Head of the Department
- GRUNDMEIER, EDITH, M. S.
Assistant Professor of Home Economics
- HAHN, THOMAS MARSHALL, Ph. D.
Assistant Professor of Physics
- HAINES, RUTH, M. A.
Instructor of Elementary Education
- HAMMONDS, CARSIE, Ph. D.
Professor of Agricultural Education
- HANSEN, WILLIAM HOWARD, A. B.
Assistant Professor of Physical Education
- HARRIS, REBA, M. A.
*Visiting Instructor in Hygiene and Public Health; Assistant to
the Director of Public Health Education, State Department
of Health, Louisville, Kentucky* 7
- HARRIS, WILLIAM JEFFERSON, M. S.
Assistant Professor of Animal Husbandry
- HAUN, ROBERT D., M. A., C. P. A.
Associate Professor of Accounting
- HAWKINS, ROBERT DAWSON, M. E.
Professor of Hydraulic Engineering
- HEINZ, WILBUR AUGUST, M. S.
Assistant Professor of Hygiene and Public Health
- HILL, HENRY HARRINGTON, Ph. D.
*Lecturer in Educational Administration; Superintendent of
Schools, Lexington, Kentucky* 6
- HOLMES, HENRY BERT, M. A.
Assistant Professor of Romance Languages
- HOLMES, SARAH BENNETT, A. B.
Dean of Women in the Summer Session
- HORINE, JOHN SHERMAN, M. E.
Associate Professor of Mechanical Drawing

- HORLACHER, LEVI JACKSON, M. S.
Professor of Animal Husbandry; Assistant to the Dean
- HORSFIELD, MARGARET BENNETT, M. A.
Assistant Professor of Romance Languages
- JENNINGS, WALTER WILSON, Ph. D.
Professor of Economics
- JETT, CARTER COLEMAN, M. E.
Professor of Machine Design
- JOHNSON, JAMES RICHARD, B. M. E.
Professor of Applied Mechanics
- JONES, THEODORE TOLMAN, Ph. D.
Dean of Men; Professor of Ancient Languages; Head of the Department
- KEFFER, LEROY, M. S.
Teacher of Science, University High School
- KELLEY, ABNER WELLINGTON, Ph. D.
Assistant Professor of English
- KELLEY, JAMES BYRON, B. S.
Professor of Agricultural Engineering
- KELLY, JOHN W., M. A.
Visiting Instructor in Journalism; Director of Public Health Education, State Department of Health, Louisville, Kentucky
- KEMPER, DURBIN COLLINS, M. A.
Teacher of Science, University High School
- KENNARD, CLIFFORD DEBOCK
Instructor in Foundry
- KETTENACKER, JOHN RALPH
Instructor in Pattern Making
- KING, MARGARET ISADORA, A. B.
Librarian, Instructor in Library Science
- KINNEY, EDMUND J., B. S.
Professor of Farm Crops
- KNAPP, CHARLES MERRIAM, Ph. D.
Associate Professor of History
- KNIGHT, GRANT COCHRAN, M. A.
Associate Professor of English
- KUIPER, JOHN, M. A.
Professor of Philosophy; Head of the Department

- LAMPERT, CARL ALBERT, B. M.
Professor of Music; Head of the Department
- LAMPERT, MRS. CARL ALBERT
Instructor in Applied Music
- LATIMER, CLAIBORNE GREEN, Ph. D.
Professor of Mathematics and Astronomy
- LAWRENCE, ARMON JAY, M. A.
Assistant Professor of Economics
- LEONARD, MARJORIE, A. B.
Fourth Grade Teacher, University Elementary School
- LESTOURGEON, FLORA ELIZABETH, Ph. D.
Associate Professor of Mathematics and Astronomy
- LEWIS, JOHN, B. S. in Music
Instructor in Music
- LEWIS, MILDRED, B. S. in Music
Instructor in Music
- LIGON, MOSES EDWARD, M. A.
Professor of Secondary Education
- MCBEE, JAMES GREEN
Instructor in Forge Shop
- McFARLAN, ARTHUR CRANE, Ph. D.
Professor of Geology; Head of the Department
- McFARLAND, FRANK, T., Ph. D.
Professor of Botany; Head of the Department
- McINTEER, BERTHUS BOSTON, Ph. D.
Associate Professor of Botany
- MCLAUGHLIN, MARGUERITE, A. B.
Assistant Professor of Journalism
- MANNING, JOHN WALKER, Ph. D.
Associate Professor of Political Science
- MAY, AUGUSTUS NOAH, B. S.
*Professor of Industrial Education, Head of the Department; State
Supervisor of Trade and Industrial Education*
- MEECE, LEONARD E., M. A.
Assistant, Bureau of School Service
- MINER, JAMES BURT, Ph. D.
Professor of Psychology; Head of the Department

- MITCHELL, JOHN RICHARD, A. B.
Assistant Professor of Chemistry
- MITCHELL, JOHN STAPP, M. A.
Teacher of Mathematics, University High School
- MONTGOMERY, E. W., Ph. D.
Assistant Professor of Sociology
- MORELAND, ROY, J. D.
Professor of Law
- MOREN, VERA, M. A. 90
*Visiting Instructor in Sociology; Supervisor of Field Training,
Federal Emergency Relief Administration in Kentucky*
- MORRISON, HENRY B., M. S.
Instructor in Dairying
- MORSE, HELEN I., M. A.
Instructor in Music
- MURRAY, FRANK, S. J. D.
Professor of Law
- MUSTARD, H. S., M. D. 11
*Visiting Instructor in Hygiene and Public Health; Professor of
Public Health Administration, Johns Hopkins University*
- PALMER, EDGAR ZAVITZ, Ph. D.
Associate Professor of Economics
- PARDUE, L. A., Ph. D.
Assistant Professor of Physics
- PARKER, ETHEL LEE, M. A.
Professor of Home Economics Education
- PATRICK, WELLINGTON, Ph. D.
Professor of History of Education
- PECK, ANNA BROWNING, M. A.
Teacher of Social Sciences, University High School
- PECK, JOSEPH Y.
Assistant, Johnston Solar Laboratory
- PEERSON, NELLE, M. A.
First Grade Teacher, University Elementary School
- PIGMAN, ARNOLD LEE, A. B.
Instructor in Wood Shop
- PINNEY, OLIVER H., M. D.
University Resident Physician

- PORTMANN, VICTOR R., B. J.
Assistant Professor of Journalism
- POTTER, MERWIN ELWOOD, M. A.
Associate Professor of Physical Education; Head of the Department
- PRICE, HUGH BRUCE, Ph. D.
Professor of Agricultural Economics; Head of the Department of Markets and Rural Finance
- PRICE, WALTER ALLEN, M. S.
Professor of Entomology; Head of the Department of Entomology and Botany
- PROCTOR, R. S. 12
Lecturer in Psychology; County Superintendent of Schools, Craven County, North Carolina
- RANDALL, FRANK HALL, S. J. D.
Professor of Law
- RANNELLS, EDWARD WARDER, B. A.
Professor of Art; Head of the Department
- REED, L. J., Ph. D. 13
Visiting Instructor in Hygiene and Public Health; Professor of Biostatistics at Johns Hopkins University
- RICE, JOHN HUGHES
Assistant in Steam Laboratory
- RICHARDSON, JOHN SHELBY, B. S. in Music
Instructor in Applied Music
- RICHMOND, JAMES H. 14
Lecturer in Educational Administration; State Superintendent of Public Instruction in Kentucky
- ROBERTS, WILLIAM LEWIS, S. J. D.
Professor of Law
- ROBINSON, LEWIS CASS, M. S.
Associate Professor of Geology
- ROSS, CLAY CAMPBELL, Ph. D.
Professor of Educational Psychology
- RUPP, ADOLPH F., M. A.
Coach of Varsity Basketball
- SAUNIER, STEPHEN THADDEUS
Instructor in Forge Shop; Assistant Superintendent of Shops

- 2
- 3
- 4
- 15
- 16
- SCHERAGO, MORRIS, D. V. M.
Professor of Bacteriology; Head of the Department
- SERVER, ALBERTA WILSON, M. A.
Assistant Professor of Romance Languages
- SHANNON, ROBERT SYLVESTA, M. A.
Instructor in English
- SHERWOOD, THOMAS C., M. A.
Assistant Professor of Anatomy and Physiology
- SHIPMAN, MARTHA, A. B.
Teacher of Social Studies; University High School
- SHIVELY, BERNIE A., B. S.
Instructor in Physical Education
- SINGER, DAVID NORTON
Instructor in Automobile Shop
- SPICKARD, RONELLA, M. S.
Associate Professor of Home Economics Education
- STEIN, FLORENCE, B. S.
*Visiting Instructor in Hygiene and Public Health; Assistant to the
Director of Public Health Nursing, State Department of
Health, Louisville, Kentucky*
- STRICKLAND, HELEN ISABELLE, M. A.
Third Grade Teacher, University Elementary School
- STURGEON, NEWTON R.
Instructor in Foundry
- SULLIVAN, RODMAN, M. A.
Assistant Professor of Economics
- SUTHERLAND, WILLIAM ROBERT, A. B.
Assistant Professor of English
- SWING, GLENN O., M. A.
*Lecturer in Educational Administration; Superintendent of
Schools, Covington, Kentucky*
- TAYLOR, WILLIAM SEPTIMUS, Ph. D.
Dean, College of Education
- THURMAN, GORDON OWEN
*Superintendent of Shops; Head of the Department of Practical
Mechanics*
- TRIMBLE, ERNEST G., Ph. D.
Assistant Professor of Political Science

- TUCKER, THOMAS C.
Instructor in Wood Shop
- VANDENBOSCH, AMRY, Ph. D.
Professor of Political Science; Head of the Department
- WADE, GERTRUDE ELIZABETH, M. A.
Associate Professor of Home Economics
- WALTON, MOSS, M. A.
*Lecturer in Educational Administration; State Department of
Education, Frankfort, Kentucky* 17
- WARBURTON, F. W., Ph. D.
Assistant Professor of Physics
- WARD, WILLIAM S., M. A.
Instructor in English
- WATKINS, ISAAC G.
Assistant, Electrical Laboratory
- WEAVER, RALPH HOLDER, Ph. D.
Associate Professor of Bacteriology
- WEBB, WILLIAM SNYDER, M. S.
*Professor of Anthropology and Archaeology; Head of the Depart-
ment: Professor of Physics; Head of the Department*
- WEST, MARY LUCILE, M. A.
Teacher of Romance Languages, University High School
- WHITE, M. M., Ph. D.
Associate Professor of Psychology
- 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
- WOOD, LUCY GRAGG, B. S.
*Librarian, University High School and University Elementary
School*
- WOODS, RALPH HICKS, Ph. D.
Associate Professor of Agricultural Education
- WORTH, PHOEBE, M. A.
*Visiting Instructor in Elementary Education; Principal, Lincoln
School, Lexington, Kentucky* 18

WYNNE, CHESTER ALLEN, LL. B.
Director of Athletics

YATES, LAWRENCE, M. A.
Assistant Professor of English

YOUNG, DAVID M., M. S.
Instructor in Geology

GENERAL INFORMATION

THE SUMMER SESSION

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

One of the most interesting phases of the summer session at the University of Kentucky is the rapid growth in the graduate field. Of the 1729 students enrolled in the 1934 session more than one-third of them were graduate students.

THE BEAUTIES OF THE BLUE GRASS

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

Many of the vast horse farms, some individual establishments containing more than a thousand acres, are open to visitors throughout the year. These farms with their broad pastures, their sparkling streams, their woodlands of gigantic forest trees and their paved drives and roads provide Fayette County with a system of parks which is decidedly unique. In this enjoyable touring region one finds vast tobacco farms, meadow 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 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.

MUSEUM OF ANTHROPOLOGY AND ARCHAEOLOGY

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

MUSEUM OF GEOLOGY

The Museum of Geology, devoted primarily to the geology of Kentucky, is located in the Administration Building, Room 201. Here are displayed the minerals and rocks of economic value to the state, geo-

logically interesting formations, and representative material from without the state. Conspicuous among the exhibits are three cases displaying the extensive collection of cave formations collected from the well-known caves of Kentucky. A large exhibit of fossil life, not only of Kentucky but elsewhere, includes a great variety of types varying from Kentucky petrified wood and other fossil vegetation to specimens of marine forms once inhabiting this region.

SOCIAL LIFE IN THE SUMMER SCHOOL

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

The extra-curricular offerings in past summers have been greatly appreciated by the students and widely attended. The extra-curricular offerings in the 1935 summer session will include music concerts, teas, dances, plays, tours, lectures, picnics, and convocations. For information on the extra-curricular program for 1935 see the calendar of social events on page 3 of this bulletin.

UNIVERSITY COMMONS

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

PLACEMENT SERVICE

There is a constantly growing demand for the services of the graduates of the University of Kentucky. Placement services are maintained by the several colleges on the campus and every attempt is made to procure for the students and for the graduates of the University the type of employment which will enable each one to achieve the best results.

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

The Placement Service of the College of Education is designed particularly to assist in the placement of superintendents, principals,

and teachers. Each student in attendance at the University who desires a teaching position should register with the Placement Bureau, Room 115, Education Building. Superintendents and college administrators who desire capable teachers should write direct to the bureau for recommendations and credentials.

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

EX-SERVICE MEN

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

THE UNIVERSITY ELEMENTARY SCHOOL AND THE UNIVERSITY HIGH SCHOOL

The Training School will be in session during the first summer term only. The term for the Junior and Senior High School will begin June 3 and close July 12. The term for the elementary division will begin June 7 and close July 12. The Elementary School will be open from 8:30 to 12:00 daily, except Saturdays and Sundays.

Students desiring to register for Directed Teaching in junior or senior high school subjects should enroll with Dr. Sherman G. Crayton on or before June 3. Students taking Directed Teaching in the elementary school should enroll with Mrs. May K. Duncan on or before June 10. Application for this course should be made in advance since only a limited number of students can be accommodated.

Summer school students who have children have 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. There will be no tuition charge for pupils in the Elementary School.

The operation of the Training School during the summer session offers a helpful 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 pages 43 and 44.

LENGTH OF SESSION

The summer session of the University of Kentucky for 1935 will be ten weeks in length, six days a week, and will be divided into two terms, the first to begin June 10 and close July 13 and the second to begin July 15 and close August 17.

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 applications for admission should be made to the Registrar of the University. Credits should be filed in advance. Students entering as freshmen should present transcripts from their high school and those desiring advanced standing should have a transcript sent from each institution they have attended. Students wishing to take work

that is to be applied toward a degree in another institution may present a permit from that institution in lieu of a transcript of credits.

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

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

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

To 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 with the Registrar an official transcript showing (a) all undergraduate work covered, (b) graduate work taken, if any, and (c) degrees received.

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

For further information, see statement of the Graduate School.

By Certificate. Persons who desire to enter the University by certificate instead of by examination must have their credits certified

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

By Examination. If not a graduate of an accredited high school the student must present entrance credits for 15 units, including those prescribed, and pass the entrance examinations.

DESIGNATION OF COURSES

The courses in each department are numbered as in the University catalog, those primarily for undergraduates, from 1 to 99; those for both graduates and undergraduates, from 100 to 199; and those primarily for graduates, from 200 on. 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 committee on scholarship and attendance. Persons entering five days late will be required to carry one credit less than the amount specified above.

REDUCED RAILROAD RATES

The railroads of the Trunk Line, Central, New England and Southeastern Passenger Associations have granted railroad rates of one and one-third fares for round-trip tickets for the summer session of 1935. 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

Tuition Fee. 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.

Late Registration Fee. 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.

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

Late Classification Fee. Students who fail to arrange classification within the scheduled time will be charged a fee of \$1.00. No change in registration will be permitted after the dates indicated in the calendar.

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

REFUNDS

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

LATE REGISTRATION

No student will be permitted to matriculate after Thursday of the first week of the term without special permission of the heads of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 17 nor for the second term's work after July 22.

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

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 10, or later than July 15 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 a term for each person in a room. Bed linen is included. Reservations not claimed by June 10 and July 15, 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 Store, Business Office, Post Office, Library, Athletic or Military Department or any other office at the University.

* With equal numbers of quality points.

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

5. GROUP REQUIREMENTS.

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

6. RESIDENCE REQUIREMENTS.

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

7. EXTENSION WORK.

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

8. APPLICATION FOR A DEGREE.

Students who expect to complete their work for a degree during the first term should make formal application in the Office of the Registrar during the first week of the term. Candidates for degrees entering the second term must file application not later than Friday, July 19. No applications for graduation in August will be received after this date. The student is responsible for making application for the correct degree. That is, if a student is working for the degree, Bachelor of Arts in Education, he should apply for this degree and not make application for the degree, Bachelor of Arts granted in the College of Arts and Sciences. If, for any reason, a student does not receive the degree at the time indicated on the application, it will be necessary for him to file another application, as 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 requirements for the A. B. and B. S. degrees are fulfilled.

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

5. Combined courses, by means of which students may save a year or more in gaining both the A. B. or B. S. and a degree in Agriculture, Engineering, Law, Education, Commerce, Medicine, Dentistry, 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
	<hr/>
Total	139.3 credits

Students who have not had physics in high school will be required to take a six-credit course in college which will reduce the number of free elective credits to 29. The free electives may be in agriculture. 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	42.0 credits
Assemblies	.9 credit
Electives required in home economics	7.0 credits
Free electives	25.0 credits
	<hr/>
	133.7 credits

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
	<hr/>
Total	139.3 credits

Students who have not had physics in high school will be required to take a six-credit course in college which will reduce the number of free elective credits to 29. The free electives may be in agriculture. 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	42.0 credits
Assemblies	.9 credit
Electives required in home economics	7.0 credits
Free electives	25.0 credits
	<hr/>
	133.7 credits

COLLEGE OF ENGINEERING

Organization. The College of Engineering embraces the following departments: Civil Engineering, Drawing, Electrical Engineering, Engineering Mechanics, Mechanical Engineering, Mining and 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 1935 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 is authorized to grant two degrees: A Bachelor of Arts in Education and a 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

* Students transferring from other colleges will be permitted to substitute Education 105, Technique of Teaching, in the junior or senior years for Psychology of Study if they present as much as three semester hours in General Psychology.

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		
	<hr/>		<hr/>
	16		16

SENIOR YEAR

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

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

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

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

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

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

1. Twenty-four credits in graduate courses exclusive of the thesis, one academic year (36 weeks) in residence, and an acceptable thesis.

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

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

The degree of Doctor of Philosophy is conferred upon a candidate who, after completing not less than three years of graduate work devoted to the study of a special field of knowledge, passes the required

examination in the subjects, presents a satisfactory dissertation, and is deemed worthy of recognition as a scholar of high attainments in his chosen province.

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

A minimum of three collegiate years of resident graduate work, of which at least the last year must be spent at the University of Kentucky, is required for the doctorate. The full time of each of these years must be spent in study. Part-time students and those holding assistantships or engaging in other outside activities will of course be required to take a proportionately longer time.

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

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

FIRST TERM

SCHEDULE OF LECTURES AND RECITATIONS

EXPLANATIONS AND ABBREVIATIONS

Colleges are arranged according to the order of their establishment and the departments of each College are arranged alphabetically.

Days of recitations are indicated by the initial letters of the days, D standing for daily. The buildings are indicated as follows: A, Administration; AC, Art Center; AE, Agricultural Engineering; Agr., Agriculture; Arm., Armory; BH, Boyd Hall; C&P, Civil and Physics; D, Dairy; E, College of Education and Associated Schools; ES, Experiment Station; FEL, Farm Engineering Laboratory; FH, Frazee Hall; GA, Gym Annex; KH, Kastle Hall; LB, Law Building; McVH, McVey Hall; M, Mining; Mem., Memorial Hall; MH, Mechanical Hall; ML, Mining Laboratory; Mus., Museum; NG, New Gymnasium; NH, Neville Hall; NS, New Shop; OC, Old Chemistry; PH, Patterson Hall; S, Science; SF, Stoll Field; SL, Serum Laboratory; SP, Stock Judging Pavilion; UL, University Library; WG, Women's Gymnasium; WH, White Hall.

RECITATION HOUR

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

Noon Hour

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

Only courses marked with an asterisk are open to freshmen.

Only courses with numbers below 100 are open to sophomores.

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

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

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

FIRST TERM

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 with comprehensive examination.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.</p>							
1a	General Physiology	3	1	D	S	205	Allen
The following courses not open to lower division students:							
S106a	Endocrinology (designed for teachers)	2	2	D	S	205	Allen
S108a ₁	Adv. Physiology, Lec., Rec.....	4	4	D	S	205	Allen
S108a ₂	Advanced Physiology, Lab.....						
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	Cicero, Virgil, Livy, Horace....	2	By Appt.	D	A	303	Jones
S5, S6	The following courses not open to freshmen and sophomores:						
S150a	Teachers' Course in Latin (based on first year work)....	2	1	D	A	303	Jones
S109a, b	Latin Literature (selections)....	2	2	D	A	303	Jones
S121	Survey of Roman Civilization (in English)	2	3	D	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
The following courses not open to lower division students:							
101	Principles of Anthropology	2	3	D	Mus.	1	Funkhouser
102	Kentucky Archaeology	2	4	D	C&P	103	Webb
ART							
<p>Requirements for a Major. Prerequisites: Junior standing; 61a, 61b, 63a, 63b, 62a, 62b. Required: 65a or 55a, 55b; 35, 36, 37, or 38. A minimum of 18 credits in Upper Division. (Advanced Design may be substituted for Painting.)</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work.</p>							
*S1a	Drawing and Painting	2	1:30-4:30	D	AC		Rannells
*10	Public School Art	2	2	D	E	170	Haines
S140	Survey of Arts	2	4	D	AC		Rannells

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
BACTERIOLOGY							
Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52, or 102. Required: Two credits in Seminar, plus an additional 13 credit-hours of advanced work in Bacteriology, including Bacteriology 125.							
Requirements in Field of Concentration: Forty credits in the Biological Sciences Field, including the major work.							
Medical Technology Course. A four-year course 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.							
{ 52 ₁	Prins. of Bacteriology, Lec...	4	{ 1	D	KH	B13	Scherago
{ 52 ₂	Prins. of Bacteriology, Lab...		{ 2	D	KH	Sb12	Weaver
{ 103 ₁	Pathogenic Bacteriology, Lec.	4	{ 2	D	KH	B13	Scherago
{ 103 ₂	Pathogenic Bacteriology, Lab.		{ 3	D	KH	Sb12	Scherago
{ 107 ₁	Bacteriology of Water and Sewage, Lec.	4	{ 3	D	KH	B14	Weaver
{ 107 ₂	Bacteriology of Water and Sewage, Lab.		{ 4	D	KH	Sb11	Weaver
The following course open to graduate students only:							
{ 203a ₁	Public Health Bacteriology, Lec.	3	{ 4	D	KH	Sb12	Scherago
{ 203a ₂	Public Health Bacteriology, Lab.		{ 5, 6	D	KH	Sb12	Scherago
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
*7b	General Botany	3	2	D	WH	101	McFarland
19	Dendrology (tree study)	2	1	D	WH	102	McFarland
The following course not open to lower division students:							
{ 103 ₁	Plant Physiology, Lec.	4	{ 2	D	WH	102	McInteer
{ 103 ₂	Plant Physiology, Lab.		{	By Appt.			McInteer
CHEMISTRY							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, 127b, and either 101 or 131a and 131b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
*1a	General Inorganic Chemistry....	5	1, 2, 3	D	{ KH KH KH	{ 101 201 209	} Mitchell

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY—Continued							
4	Qualitative Analysis	4	1, 2, 3	D	{ KH	111	} Bedford and Assistant
					{ KH	113	
					{ KH	214	
7	Organic Chemistry	4	1, 2	D	{ KH	215	} Barkenbus Bedford and
					{ KH	111	
8	Quantitative Analysis	5	1, 2, 3, 4	D	{ KH	113	} Assistant
	The following courses not open to lower division students:				{ KH	B14	
101	Physical Chemistry	5	By Appt.	D	{ KH	B17	} Bedford and Assistant
106	Advanced Organic Chemistry....	5	By Appt.	D	{ KH	215	
					{ KH	111	} Barkenbus Bedford and
109	Quantitative Analysis	5	1, 2, 3, 4	D	{ KH	113	
111	Physical Chemistry (inter- mediate course), Lab.	2	By Appt.	D	{ KH	B17	} Bedford and Assistant
					{ KH	111	
114	Adv. Quantitative Analysis.....	5	1, 2, 3, 4	D	{ KH	113	} Bedford and Assistant
	The following course open to graduate students only:				{ KH	113	
206a or b	Advanced Physical Chemistry..	3	By Appt.	D	{ KH	B17	} Bedford and Assistant
					{ KH	B17	
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 Jennings
*2	Economic History of Europe....	3	4	D	{ WH	303	
102	Labor Problems (prereq. 1).....	3	2	D	{ WH	306	} Carter Palmer
107	Statistical Method (prereq. 1)..	3	5	D	{ WH	306	
126	Economics of Public Utilities (prereq. 1)	3	3	D	{ WH	301	} Carter
					{ WH	301	
ENGLISH							
Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Re- quired: 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 Shannon
*1b	English Composition	3	2	D	{ McVH	210	
3a	History of English Literature....	3	3	D	{ McVH	210	} Yates Sutherland
7a	Elements of Public Speaking....	3	1	D	{ McVH	231	
11a	Debate and Argumentation	3	3	D	{ McVH	231	} Sutherland
	The following courses not open to sophomores:				{ McVH	200	
111b	English Novel after Scott.....	3	2	D	{ McVH	200	} Knight Farquhar
116	The Contemporary Drama	3	3	D	{ McVH	230	
125	Pronunciation of Modern English	3	2	D	{ McVH	211	} Dantzler
					{ McVH	211	

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ENGLISH—Continued							
133	Development of American Realism	3	3	D	McVH	200	Knight
The following courses open to graduate students only:							
202a	Studies in Contemporary Drama	3	4	D	McVH	230	Farquhar
210a	Seminar	3	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.

Field Work: An early summer field trip. Geology 118a, or 118b is required of major students for graduation.

Requirements in Field of Concentration: Forty credits in the Field of Physical Science, including the major work.

*14a	Elementary Field Geology	1	1-5 p. m.	W	S	203	McFarlan
24a	Elements of Geography	3	3	D	S	203	Robinson
24b	Elements of Geography	3	4	D	S	203	Robinson
The following courses not open to lower division students:							
120a	Geology of Kentucky (no prereq.)	3	2	D	S	203	McFarlan
23a, b	Elementary Field Work in Regional Geology (to accompany 118a, 118b)	2	June 1-12				McFarlan and Young
118a, b	Field Work in Regional Geology (Southern Appalachians and Gulf Coast)	2	June 1-12				McFarlan and Young
GERMAN							

Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b, 2a, 2b. **Required:** German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b.

Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination.

*1a	Elementary German	3	2	D	A	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
6a	Scientific German (prereq. 2b)	3	By Appt.	D	A	204	Bigge
The following courses not open to lower division students:							

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
GERMAN—Continued							
101a	Nineteenth Century Literature	3	By Appt.	D	A	204	Bigge
105a-d	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.							
*S4a	Modern Europe to the French Revolution	2	1	D	FH	202	Clyde
*5a	History of the United States (to 1860)	3	1	D	FH	301	Clark
*5b	History of the United States (since 1860)	3	5	D	FH	301	Clark
40	History of Kentucky	2	3	D	FH	301	Clark
The following courses not open to lower division students:							
S100a	Diplomacy and Foreign Policy of the United States to 1860	2	3	D	FH	202	Clyde
S190a	Far East to 1900	2	4	D	FH	202	Clyde
106b	Latin American Republics	2	2	D	FH	204	Knapp
184	Geographic Basis of American History	1	3	MWF	FH	304	Knapp
The following courses open only to graduate students:							
206	Confederation of the United States	3	4	D	FH	304	Knapp
S281	American Historiography	1	3	TThS	FH	304	Knapp
HYGIENE AND PUBLIC HEALTH							
*1	Personal and Community Health	1	2	D	A	4	Heinz
*9	Hygiene for Teachers	2	3	D	A	4	Heinz
The following courses not open to sophomores:							
100a	Public Health	3	4	D	A	4	Heinz
110	Health Education and Health Supervision of Schools	3	1	D	McVH	111	Chambers
124	Principles and Practice of Public Health Nursing	3	3	D	McVH	109	Eagan
150a ₁	Problems in Health Education (for teachers)	3	2	D	McVH	107	Harris

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	HYG. & PUB. HEALTH—Cont.						
140	Survey Course for Nurses	2	4	D	McVH	109	East and others
150a ₂	Problems in Health Education (for attendance officers— second 2½ weeks)	3	3, 4	D	McVH	107	
160	Community Health Education	2	2	D	McVH	109	Harris
200	Epidemiology and Communicable Diseases	2	2	D	McVH	111	Eagan
212	Public Health Administration	2	3	D	McVH	111	Mustard
218	Vital Statistics	2	4	D	McVH	111	Mustard Reed
	JOURNALISM						

Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12; Junior standing. **Required:** Journalism 104a, 104b, 105, 106, 107, 108. **Electives:** All other courses in Journalism above 100.

Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work in courses not open to freshmen.

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 catalog.

*S1a	Reporting	2	2	D	McVH	50	McLaughlin
*S1b	Reporting (prereq. 1a)	2	3	D	McVH	50	McLaughlin
S12	Feature Writing (for nurses)	2	3	D	McVH	54	Portmann and Kelly
S21	Etymology	2	3	D	McVH	54	Grehan
	The following courses not open to lower division students:						
S111	Verbal Criticism	2	4	D	McVH	54	Grehan
110	Supervision of High School Publications	3	2	D	McVH	53	Portmann
	LIBRARY SCIENCE						

Requirements for a Major. Prerequisites: Senior standing. **Required:** Thirty credits in courses in Library Science or full curriculum advised.

Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts (or acceptable equivalent), including the major work.

	The following courses not open to lower division students:						
126	Place, Function, Administration, and Opportunity of the High School Library	3	4	D	UL	314	Budd
132	Library Work with Children	2	2	D	UL	314	Currin
133a	Reference and Bibliography	3	3	D	UL	314	Currin
139	Field Work (prereq. 129a, 126, 133a, 150a, advisable)	2	As arranged		E	Lib.	Wood
154	Seminar (prereq. 133a, 126, advisable)	2	1	D	UL	314	Budd
Ed.173	Teaching Literature to Children	3	4	D	E	134	Duncan
	(Acceptable summer 1935 as equivalent of Children's Literature.)						

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
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.							
*S5	College Algebra	4	2, 3	D	McVH	128	Downing
S6	Analytical Geometry	4	3, 4	D	McVH	104	LeSturgeon
S7a	Differential Calculus	4	1, 2	D	McVH	129	Boyd
The following courses not open to lower division students:							
16a-d	Tutorial Work in Mathematics	1		By Appt.	McVH		Staff
S106a	Advanced Calculus	2	2	D	McVH	104	LeSturgeon
S107	Projective Geometry	2	3	D	McVH	129	Boyd
S110a-d	Independent Work in Mathematics	2		By Appt.	McVH		Staff
S116	Analytic Mechanics	2	1	D	McVH	128	Downing
The following course open to graduate students only:							
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	6	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.			M. Lewis
*15a to S18b	Applied Music for B. S. only. Violin, Organ, and Piano (two lessons a week)	1		By Appt.			Lampert, Cullis, Richardson, Mrs. Lampert
9a	Organization and Training of Musical Groups (strings)	2	1	D	AC	8	Lampert
9b	Organization and Training of Musical Groups (brasses and percussion)	2	3	D	AC	7	J. Lewis
S35a-h	Applied Music for A. B. (piano)	1		By Appt.			Richardson and Mrs. 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 of Music	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

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
MUSIC—Continued							
14b	Organization and Training of Musical Groups for B. S. (conducting and orchestration)	2	3	D	AC	8	Lampert
28a	Concert Band	1	4 p. m.	D	AC	8	J. Lewis
PHILOSOPHY							
Requirements for a Major. Prerequisites: Junior standing; 6 credits in Philosophy. Required: An additional 15 credits in Philosophy, including Philosophy 35a, 35b; and a comprehensive examination in the senior year.							
Requirements in 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.							
31	Logic	3	1	D	FH	205	Kuiper
The following course not open to lower division students:							
120	Great Religions of the World....	3	3	D	FH	205	Kuiper
PHYSICAL EDUCATION							
Requirements for a Major. Prerequisites: Junior standing; Psychology 7; Anatomy and Physiology 2a, 2b. Required: Physical Education 29, 128, 124, 120. A minimum of 15 credits of advanced work in Physical Education.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
*S14	Elementary Plays and Games..	1	2	{ MTW } { ThF }	E	Gym.	Shively
The following courses not open to lower division students:							
120	Physical Diagnosis and Remedial Gymnastics	3	2	D	A	6	Potter
125	Administration and Organization of Municipal and Community Recreation	3	1	D	A	6	Shively
148	Organization and Administration of Athletics	3	4	D	A	6	Shively
S142	Advanced Football (June 10-June 22)	1.5	9:50-12	D	NG		Wynne
S131	Advanced Basketball (June 23-July 3)	1.5	9:50-12	D	NG		Rupp
The following course open to graduate students only:							
S201	Research in Physical Education	3	3	D	A	6	Potter
PHYSICS							
Requirements for a Major. Prerequisites: Junior standing; Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. Required: Mathematics 7a, 7b; Physics 15a, 15b; a minimum of 15 credits of advanced work in Physics; a comprehensive examination in the senior year.							

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PHYSICS—Continued							
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.						
*1a ₂₁	Gen. Elem. Phys., Lab.						
4	Elementary Physical Measures	2	3	{ MTW } { ThF }	C&P	201	Graduate Asst.
51a	Introduction to Physics, Lec.	3	1	D			
3a ₁	Gen. Col. Physics, Lec.	4	3	{ MTW } { ThF }	C&P	200	Pardue
3a ₂	Gen. Col. Physics, Rec.						
S5 ₁	Meas. in Mech. and Heat, Lec.	2	1	TTh	C&P	105	Pardue
S5 ₂	Meas. in Mech. and Heat, Lab.						
			1, 2	MWF	C&P	105	Pardue
The Department of Physics in the Summer Session is anxious to serve the need of the graduate students. For this reason the following courses are tentatively listed and others will be offered if necessary. No course will be offered, however, unless there is a sufficient demand for it.							
S104	Theoretical Mechanics	3		By Appt.			
113	Radio Communication	3		By Appt.			
201	Physical Optics	3		By Appt.			
217a	Theoretical Physics	3		By Appt.			
POLITICAL SCIENCE							
Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. Required: Political Science 155a and 155b, or 159a and 159b; 190a and 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	1	D	A	302	Trimble
80	State Government	3	2	D	A	203	Manning
The following courses not open to lower division students:							
154	County Government	3	4	D	A	203	Manning
155a	Comparative Government	3	3	D	A	302	Trimble
PSYCHOLOGY							
Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. Required: The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 15 of the 40 credits in the field must be courses in Psychology not open to freshmen.							
*1	Elementary Psychology	3	1	D	NH	306	White
7	Psychology of the Child	3	3	D	NH	306	Asher
12	Guidance	3	3	D	NH	300	Miner

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PSYCHOLOGY—Continued							
107	The following courses not open to lower division students: Psychological Interpretations (of the unusual)	3	2	D	NH	306	Miner
104	Social Psychology	3	3	D	NH	304	White
121	Student Personnel	3		By Appt.	NH	200	Miner
120a-d	Independent Work in Psychology	2		By Appt.	NH	200	Staff
203a or b	The following courses open to graduate students only: Problems in Psychology	2		By Appt.	NH	200	Staff
215	Measurement of Human Relationships	3		By Appt.	NH	302	Asher
ROMANCE LANGUAGES							

Requirements for a Major. Prerequisites: Junior standing; Romance Languages 1a-b; 2a-b; 5a-b; 6a-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 work in the major field.

*S1a	Elementary French	2	3	D	S	307	Server
*S1b	Elementary French (cont.)	2	3	D	S	307	Server
*S5a	Elementary Spanish	2	1	D	S	307	Server
S2a	Intermediate French	2	2	D	S	306	Horsfield
S2b	Intermediate French	2	2	D	S	306	Horsfield
S7a	Intermediate Spanish	2	2	D	S	307	Server
S7b	Intermediate Spanish	2	2	D	S	307	Server
S5b	Elementary Spanish (cont.)	2	2	D	S	307	Server
S6a	French Novel and Drama	2	4	D	S	306	Horsfield
The following courses not open to students of the lower division:							
S109a	XIX Century French Literature	2	3	D	S	306	Horsfield
S110b	XVII Cent. French Literature	2	4	D	S	306	Horsfield
114a, b, c, d, etc.	Independent Work in Romance Languages	3		By Appt.			Staff

Note: No credit given for duplication of high school work. If one unit of high school work is offered take 1a or 5a, etc. No credit given for 1a or 5a before 1b or 5b is passed.

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
101	The following course not open to lower division students: Social Dependence	3	2	D	FH	106	Best

* Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
SOCIOLOGY—Continued							
112	Community Organization	3	3	D	FH	105	Moren
113	Introduction to Social Case Work	3	1	D	FH	105	Moren
ZOOLOGY							
Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. Required: Zoology 7a, 7b, or 157a, 157b; Zoology 106; Zoology 108a, 108b; Zoology 114a, 114b; a minimum of 15 credits of work above 1a, 1b; 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						By Appt. WS
25	General Animal Biology	3	3	D	S	108	Brauer
The following courses not open to lower division students:							
101a	Histology	3	1, 2	D	S	5	Brauer
102 ₁	Ornithology, Rec.	3	1	D	S	108	Allen
102 ₂	Ornithology, Field						By Appt. WS
108b	Principles of Zoology (heredity)	2	4	D	Mus.	1	Funkhouser
110a-d	Independent Work	3		By Appt.	S	105	Allen & Brauer
For Ethnology see Anthropology and Archaeology.							

COLLEGE OF AGRICULTURE

AGRICULT'L ENTOMOLOGY							
102	Adv. Agr. Entomology, Lec.	3	1	D	AE	106	Price, W. A.
	Adv. Agr. Entomology, Lab.		5, 7	W	AE	106	Price, W. A.
AGRONOMY							
105	Advanced Crops	3	1, 2	D	Agr.	304	Kinney
ANIMAL INDUSTRY							
13	Judging	2	1, 2	D	SP	109	Harris
19	Genetics	3	4	D	Agr.	303	Anderson
21	Market Classes and Grades.....	2	3, 4	D	SP	109	Harris
S124	Adv. Study of the Dairy Breeds (Second 2½ weeks.)	3	1, 3	D	D	212	Ely
FARM ENGINEERING							
101a	Special Problems	3	1, 4	D	AE	201	Kelley
(Second 2½ weeks.)							

* Open to Freshmen.

FIRST TERM
COLLEGE OF AGRICULTURE—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	MARKETS AND RURAL FINANCE						
132	Current Problems in Agr. Economics	3	3	D	Agr.	303	Price, H. B.
	HOME ECONOMICS						
6b	Foods	4	3, 4	D	Agr.	103	Barkley
26	Textiles	2	3	D	Agr.	202	Wade
	or						
104	Problems in Textiles	4	3, 4	D	Agr.	202	Wade
	or						
116	Advanced Costume Design.....	3	3	D	Agr.	202	Wade
112	Public School Nutrition	3	2	D	Agr.	205	Grundmeier
	or						
119a	Experimental Cookery	3	1, 2	D	Agr.	103	Grundmeier
117	Interior Decoration	3	1	D	Agr.	205	Wade
16	Elementary Nutrition	3	3	D	Agr.	205	Grundmeier
	or						
124	Dietetics	4	3, 4	D	Agr.	205	Grundmeier
32	Children's Clothing	3	1, 2	D	Agr.	202	Barkley

COLLEGE OF ENGINEERING

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	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, Bureau or Barnett for each class
6	Elec. Equipment Problems	1.3	12 hrs.	By Appt.	MH	104	
9a	Electrical Lab.	1	5, 6	MWF	MH	108	
	ENGINEERING MECHANICS						
1	Mechanics of Materials	5	1, 2	D	MH	201	Johnson
7	Machine Design	2.3	18 hrs.	By Appt.	MH	104	Jett
	MECHANICAL ENGINEERING						
2	Valve Gears	2	4	D	MH	104	Jett
6	Steam Engine Design	1.3	12 hrs.	By Appt.	MH	104	Jett
	PRACTICAL MECHANICS						
*7a	Wood Shop	2.7	24 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.

FIRST TERM
COLLEGE OF ENGINEERING—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	PRACTICAL MECH.—Cont.						
*7b	Wood Shop	2.7	24 hrs.	By Appt.	NS		Thurman and others
*8a	Forge, Machine and Auto Shops	2	18 hrs.	By Appt.	NS		Thurman and others
*8b	Forge, Machine and Auto Shops	2	18 hrs.	By Appt.	NS		Thurman and others

COLLEGE OF LAW

107a	Crimes I	2	1	D	LB	102	Randall
147	Quasi-Contracts	2	3	D	LB	103	Evans
149	Municipal Corporations	2	1	D	LB	103	Evans
166	Sales	2	2	D	LB	102	Murray
170	Legal Ethics	2	4	D	LB	102	Murray

COLLEGE OF EDUCATION

ADMINISTRATION							
The following courses not open to freshmen and sophomores:							
101	School Organization	3	1	D	E	222	Chamberlain
198	The Administration of Pupil Personnel (first 2½ weeks)	3	2, 3	D	FH	201	Walton
The following courses open only to graduate students:							
202	Local School Administration	3	2	D	FH	105	Archer
203	Constitutional and Legal Basis of Public School Administration	3	2	D	E	231	Ligon
207	School Buildings and Equipment	3	3	D	E	231	Chamberlain
210	Special Problems in School Administration	3		By Appt.	E	232	Chamberlain
214	The Secondary School	3	1	D	E	134	Crawford
225	The Supervision of Instruction	3	3	D	FH	105	Hill
231	Financing Public Education	3	4	D	FH	105	Hill
The following courses open only to second and third year graduate students:							
290a, b	Technique and Professional Work of the Registrar	2		By Appt.	A	112	Gillis
291a-d	Problems in the Registrar's Field of Administration	2		By Appt.	A	112	Gillis
301a, b	Research Problems in School Administration	3		By Appt.	E	232	Chamberlain
307a, b	Research Problems in Secondary Education	3		By Appt.	E	114	Ligon

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

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	ADMINISTRATION—Cont.						
308a, b	Research Problems in Elementary Education	3		By Appt.	E	136a	Duncan
321a, b	Research Problems in Higher Education	3		By Appt.	E	128	Taylor
	AGRICULTURAL EDUCATION						
179	The following course not open to freshmen and sophomores: Determining Content in Vocational Agriculture (first 2½ weeks)	3		By Appt. D	E	226	Hammonds
281	The following courses open only to graduate students: Teaching Prevocational Agriculture	3		By Appt. D	E	220	Woods
287b	Selecting Teaching Materials.. (Second 2½ weeks.)	3		By Appt. D	E	226	Woods
287d	Directing Farm Practice	3		By Appt. D	E	219	Hammonds
	COMMERCIAL EDUCATION						
159	The following course not open to freshmen and sophomores: The Commercial Curriculum	3	2	D	WH	207	Lawrence
208	The following course open only to graduate students: Problems in Commercial Education	3	3	D	WH	207	Lawrence
	EDUCATIONAL PSYCHOLOGY						
16	Educational Psychology	3	4	D	E	222	Patrick
122	The following course not open to freshmen and sophomores: Educational Tests and Measurements for High School Teachers	3	3	D	E	222	Ross
223	The following course open only to graduate students: Educational Statistics	3	2	D	E	222	Ross
	ELEMENTARY EDUCATION						
Note:	For Public School Art and Public School Music see Art and Music Departments.						
2	Methods of Teaching the Common Branches	3	5	D	E	131	Caldwell
*6	Practice Teaching	3		By Appt. D	E	136a	Duncan and Trn. Teachers

* Application should be made in advance in order that prerequisites may be checked. The number who can be accommodated in the course is limited. A small number of places is now available.

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ELEMENTARY EDUC.—Cont.							
20	Industrial Arts in the Elementary School	2	4	D	E	170	Haines
42	Teaching Arithmetic in the Elementary School	3	3	D	A	203	Caldwell
44	Teaching Social Studies in the Elementary School	3	3	D	E	134	Haines
The following courses not open to freshmen and sophomores:							
172	Teaching Reading in the Elementary School	3	2	D	E	134	Duncan
173	Teaching Literature to Children	3	4	D	E	134	Duncan
196	Teaching Science in the Elementary School	3	1	D	E	231	Daniel
*R133	Directed Teaching in the Elementary School (seniors only). For those who have had Ed. 6 or its equivalent....	4	By Appt.	D	E	136a	Duncan and Trn. Teachers
*S133	Directed Teaching in the Elementary School (seniors only)	5	By Appt.	D	E	136a	Duncan and Trn. Teachers
HISTORY OF EDUCATION							
The following course not open to freshmen and sophomores:							
121	History of Education in the United States	3	3	D	FH	205	Patrick
HOME ECONOMICS EDUCATION							
The following courses not open to freshmen and sophomores:							
164	Method of Teaching Child Training (second 2½ weeks, June 26 to July 15)	3	2, 3	D	E	104	Parker
178	Method of Teaching Home Management and Family Relationships (first 2½ weeks, June 10 to June 26)	3	2, 3	D	E	104	Parker
The following courses open only to graduate students:							
263	Current Problems in Home Economics Education (first 2½ weeks)	3	1, 3	D	E	104	Spickard
268	Home Economics Curriculum Construction (second 2½ weeks)	3	1, 3	D	E	104	Spickard

* Application should be made in advance in order that prerequisites may be checked. The number who can be accommodated in the course is limited. A small number of places is now available.

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
INDUSTRIAL EDUCATION							
70	Industrial Education (first 2½ weeks)	3	2, 3	D	A	205	May
71	Trade Analysis and Course Planning (second 2½ weeks)	3	2, 3	D	A	205	May
PHILOSOPHY of EDUCATION							
35	Classroom Management	3	4	D	E	131	Taylor
The following courses open only to graduate students:							
200	Philosophy of Education	3	1	D	FH	105	Archer
222a	Thesis Course	3	3	D	E	131	Taylor
**227b	Techniques in Curriculum Construction	3	2	D	E	131	Adams
SECONDARY EDUCATION							
The following course not open to freshmen and sophomores:							
105	Technique of Teaching	3	4	D	E	231	Ligon
The following courses open only to seniors:							
153	Directed Teaching in English..	6	By Appt.	D	E	126	Crayton and Anderson
154	Directed Teach. in Languages	6	By Appt.	D	E	126	Crayton, West
155	Directed Teach. in Sciences....	6	By Appt.	D	E	126	Kemper, Keffer
156	Directed Teach. in Mathematics	6	By Appt.	D	E	126	Crayton, Mitchell
157	Directed Teach. in Social Sci.	6	By Appt.	D	E	126	Crayton, Peck
169a	Directed Teach. in Physical Ed.	2.5	By Appt.	D	Gym. Annex		Potter

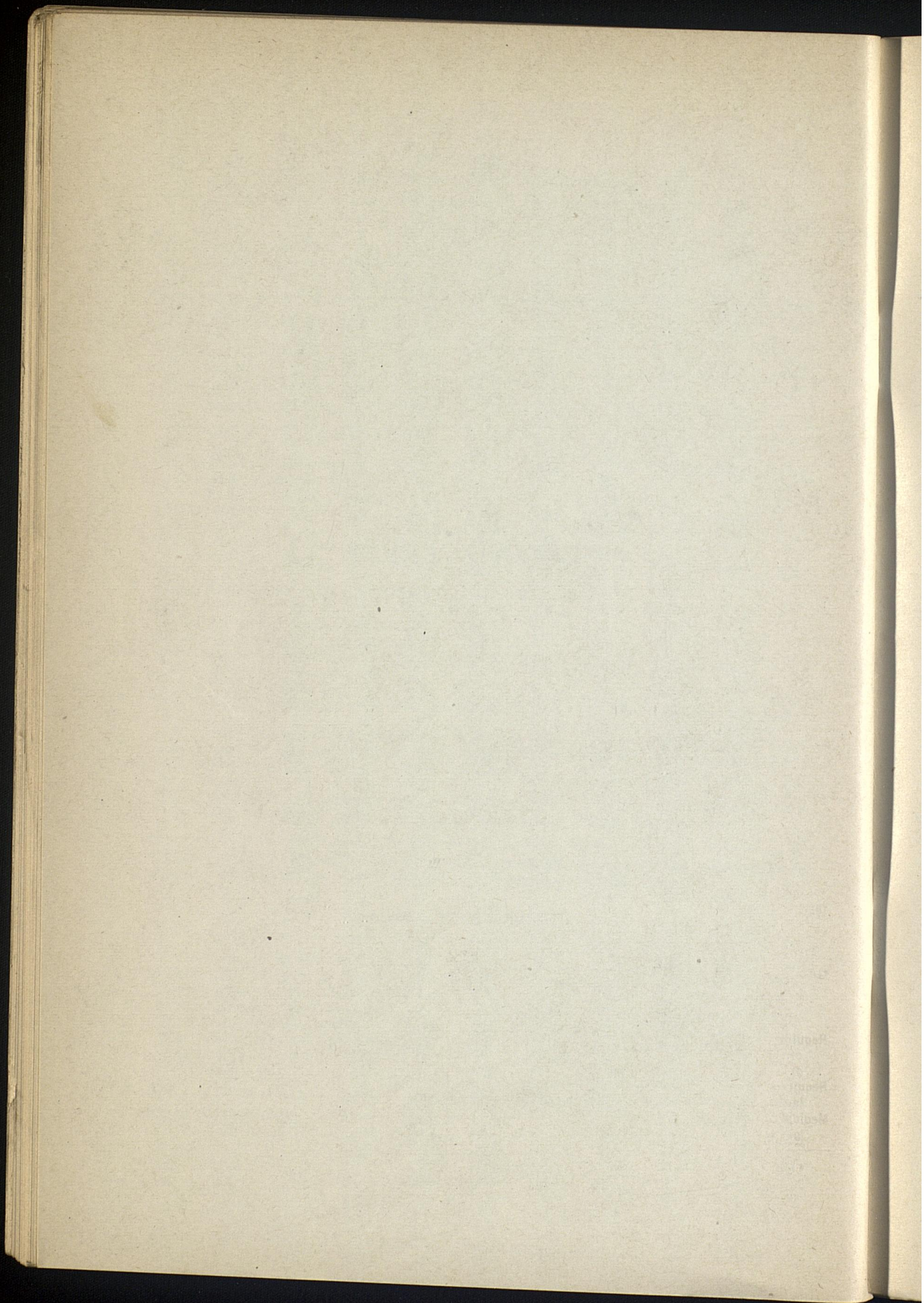
** This course is especially recommended to persons working on the subcommittees of the Kentucky Curriculum Study and may be done as a problem course.

COLLEGE OF COMMERCE

1	Principles of Economics	3	3	D	WH	306	Wiest
*2	Economic History of Europe....	3	4	D	WH	303	Jennings
{ 7a	Principles of Account'g, Lec. }	4	4	D	WH	301	Haun
} 7a	Principles of Account'g, Lab. }	4					
			5, 6	MWF	WH	401	Haun
102	Labor Problems (prereq. 1).....	3	2	D	WH	306	Carter
107	Statistical Method (prereq. 1)..	3	5	D	WH	306	Palmer
126	Economics of Public Utilities (prereq. 1)	3	3	D	WH	301	Carter

* Open to Freshmen.

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 with comprehensive examination.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
1b	General Physiology	3	1	D	S	205	Sherwood
The following courses not open to lower division students:							
S106b	Endocrinology (designed for teachers)	2	2	D	S	205	Sherwood
S108b ₁	Adv. Physiology, Lec., Rec... }	4	4	D	S	205	Sherwood
S108b ₂	Advanced Physiology, Lab.... }		5, 6	MWF	RL	200	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 and sophomores:							
S150b	Teachers' Course in Latin (based on second year work)	2	1	D	A	303	Jones
S110a, b	Latin Literature (selections)....	2	2	D	A	303	Jones
S122b	Greek Literature (in English)..	2	3	D	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
The following course not open to lower division students:							
105	Ethnology	2	3	D	Mus.	1	Funkhouser
ART							
*10	Public School Art	2	2	D	E	170	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-year course in Medical Technology is offered which is designed to prepare men and women for positions in hospital laboratories,							

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
BACTERIOLOGY—Continued							
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.							
102 ₁	General Bacteriology, Lec.....	4	1	D	KH	B14	Scherago
102 ₂	General Bacteriology, Lab.....	2	2	D	KH	Sb12	Scherago
106 ₁	Bacteriology of Foods, Lec...	4	2	D	KH	B14	Weaver
106 ₂	Bacteriology of Foods, Lab...	3	3	D	KH	Sb12	Weaver
110a	Laboratory Diagnosis, Lab.	3	3, 4	D	KH	Sb12	Scherago
The following course open only to graduate students:							
201b	Research in Bacteriology	5	By Appt.	D	KH	Sb11	Weaver
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	2	D	WH	101	McFarland
*7b	General Botany	3	1	D	WH	101	McInteer
15	Local Flora	3	1-6 p. m.	MT	WH	101	McFarland
The following course not open to lower division students:							
104 ₁	Ecology (Lec.)	3	2	D	WH	102	McInteer
104 ₂	Ecology (Lab.)	3	By Appt.				McInteer
CHEMISTRY							
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, 127b, and either 101 or 131a and 131b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.							
*1b	General Inorganic Chemistry....	5	1, 2, 3	D	{ KH	{ 101	} Mitchell
					{ KH	{ 201	
					{ KH	{ 209	
7	Organic Chemistry	4	1, 2	D	{ KH	{ 214	} Barkenbus
					{ KH	{ 215	
					{ KH	{ 111	
8	Quantitative Analysis	5	1, 2, 3, 4	D	{ KH	{ 113	} Bedford
					{ KH	{ 113	
The following courses not open to lower division students:							
106	Advanced Organic Chemistry..	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis	5	1, 2, 3, 4	D	{ KH	{ 111	} Bedford
111	Physical Chemistry (intermediate course), Lab.	2	By Appt.	D	{ KH	{ 113	
					KH	B17	Bedford

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Cts.	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY—Continued							
114	Advanced Quantitative Analysis	5	1, 2, 3, 4	D	{ KH	111 }	} Bedford
	The following courses are open to graduate students only:				{ KH	113 }	
204a	Organic Chemistry	5	By Appt.	D	KH	215	Barkenbus
206a, or b	Advanced Physical Chemistry..	3	By Appt.	D	KH	B17	Bedford
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.							
*3	Economic History of the U. S....	3	2	D	WH	303	Jennings
104	Public Finance (prereq. 1).....	3	3	D	WH	306	Sullivan
110	Business Cycles (prereq. 1).....	3	5	D	WH	306	Palmer
208	Advanced Economic Theory	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
The following courses not open to sophomores:							
104	Seventeenth Century	3	3	D	McVH	206	Gallaway
130a	Comparative Literature	3	1	D	McVH	204	Brady
145	Elizabethan Drama (exclusive of Shakespeare)	3	3	D	McVH	207	Kelley
147	Age of Johnson	3	2	D	McVH	206	Gallaway
153	Restoration XVIII Cent. Drama	3	2	D	McVH	207	Kelley
The following course open to graduate students only:							
210b	Seminar	3	3	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. Field Work: An early summer field trip. Geology 118a, or 118b is required of major students for graduation.							
Requirements in Field of Concentration: Forty credits in the Field of Physical Science, including the major work.							
*1a	Physiography	3	3	D	S	203	Young
*14b	Elementary Field Geology	1	1-5 p. m.	W	S	203	McFarlan
*25a	Regional Physical Geography of North America	3	4	D	S	203	Young

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
GEOLOGY—Continued							
120b	The following course not open to lower division students: Geology of Kentucky (no prerequisite)	3	2	D	S	203	McFarlan
GERMAN							
Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b, 2a, 2b. Required: German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination.							
*1a	Elementary German	3	2	D	A	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
3b	Selected Readings (prereq. 2b)	3	By Appt.	D	A	204	Bigge
6b	Scientific German (prereq. 2b)	3	By Appt.	D	A	204	Bigge
The following courses are not open to lower division students:							
101b	Nineteenth Century Literature	3	By Appt.	D	A	204	Bigge
105a-d	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.							
*5a	History of the United States (to 1860)	3	1	D	FH	301	Clark
*5b	History of the United States (since 1860)	3	4	D	FH	301	Clark
The following courses not open to lower division students:							
S100b	Diplomacy and Foreign Policy Since 1860	2	2	D	FH	202	Clyde
160	Civil War Period in Kentucky..	2	2	D	FH	204	Clark
S190b	Far East Since 1900	2	3	D	FH	202	Clyde
The following course open to graduate students only:							
282	Historical Criticism	2	4	D	FH	202	Clyde

* Open to Freshmen.

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

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
HYGIENE AND PUBLIC HEALTH							
*1	Personal and Community Health	1	2	D	A	4	Heinz
*9	Hygiene for Teachers	2	3	D	A	4	Heinz
The following course not open to sophomores:							
100b	Public Health	3	4	D	A	4	Heinz
JOURNALISM							
Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12; junior standing. Required: Journalism 104a, 104b, 105, 106, 107, 108. Electives: All other courses in Journalism above 100.							
Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work in courses not open to freshmen.							
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 catalog.							
The following courses not open to lower division students:							
S105	Law of the Press	2	2	D	McVH	54	Portmann
S108	History of Journalism	2	3	D	McVH	54	Portmann
LIBRARY SCIENCE							
Requirements for a Major. Prerequisites: Senior standing. Required: Thirty credits in courses in Library Science or full curriculum advised.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts (or acceptable equivalent), including the major work.							
The following courses not open to lower division students:							
129b	Cataloging and Classification..... (Prerequisite 129a.)	2	3	D	UL	314	Budd
133b	Reference and Bibliography..... (Prerequisite 133a.)	2	1	D	UL	314	Budd
150b	Book Selection	2	2	D	UL	314	King
..... (Prerequisite 150a.)							
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	2, 3	D	McVH	107	Brown
S7b	Integral Calculus	2	1	D	McVH	107	Brown

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
MATH. & ASTRON.—Cont.							
The following courses not open to lower division students:							
16a-d	Tutorial Work in Mathematics	1		By Appt.	McVH		Staff
103	Theory of Equations	3	3	D	McVH	106	Latimer
S110a-d	Independent Work in Mathematics	2		By Appt.	McVH		Staff
The following courses open to graduate students only:							
S203	Thesis	2		By Appt.	McVH	106	Latimer
211	Higher Algebra	3	2	D	McVH	106	Latimer
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, 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 of Music	2	4	D	AC	7	Lampert
4a	Public School Music	2	1	D	AC	7	Morse
4b	Public School Music	2	3	D	AC	7	Morse
26	High School Methods	2	2	D	AC	7	Morse
11a	Advanced Harmony	2		By Appt.	AC		Lampert
12a	Counterpoint and Composition	2		By Appt.	AC		Lampert
{ S15b to S18b	Applied Music for B. S. only (violin, piano, organ)	1		By Appt.	AC		Lampert, Cullis, Richardson, Mrs. Lampert
S25b	Elementary Harmony	2	2	D	AC	8	Lampert
40a-d	Orchestra	1	4 p. m.	D	AC	8	Lampert
PHYSICAL EDUCATION							
Requirements for a Major. Prerequisites: Junior standing; Psychology 7; Anatomy and Physiology 2a, 2b. Required: Physical Education 29, 128, 124, 120. A minimum of 15 credits of advanced work in Physical Education.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
*S14	Elementary Plays and Games	1	3	{ MTW } { ThF }	E	Gym	Hansen
*S20	Calisthenics and Gymnastic Stunts	2	1	D	GA		Hansen
The following course not open to lower division students:							
124	History and Philosophy of Physical Education	2	2	D	FH	106	Hansen

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
------------	---------	----------	------	------	-------	----------	------------

PHYSICS

Requirements for a Major. Prerequisites: Junior standing; Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. **Required:** Mathematics 7a, 7b; Physics 15a, 15b; 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.

*1b ₁	Gen. Element'y Physics, Lec.	5	1	D	C&P	200	Hahn					
*1b ₂	Gen. Element'y Physics, Rec.							2	MWF	C&P	303	Hahn
*1b _{2L}	Gen. Element'y Physics, Lab.											
4	Elementary Physical Measures	2	3	ThF	C&P	308	Graduate Assistant					
								3	MTW	C&P	201	Graduate Asst.
*51b	Introduction to Physics	3	1	D	C&P	200	Hahn					
3b ₁	General College Physics, Lec.							4	3	ThF	C&P	200
		3b ₂	General College Physics, Rec.	4	ThF	C&P	305					
S6 ₁	Meas. in Electr. and Mag., Lec.							2	1	TTh	C&P	3
		S6 ₂	Meas. in Elec. and Mag., Lab.	1, 2	MWF	C&P	3					

The Department of Physics in the Summer Session is anxious to serve the need of the graduate students. For this reason the following courses are tentatively listed and others will be offered if necessary. No course will be offered, however, unless there is a sufficient demand for it.

S101	Theory of Heat	3		By Appt.			
S102a	Electricity and Magnetism	3		By Appt.			
217b	Theoretical Physics	3		By Appt.			

POLITICAL SCIENCE

Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. **Required:** Political Science 155a and 155b or 159a and 159b, 190a and 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
70	Political Parties	3	2	D	A	301	Franklin
	The following courses not open to lower division students:						
150	International Law	3	3	D	A	203	Vandenbosch
159a	Development and Expansion of the Constitution	3	4	D	A	301	Franklin

PSYCHOLOGY

Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. **Required:** The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case 15 of the 40 credits in the field must be courses in Psychology not open to freshmen.

*1	Elementary Psychology	3	2	D	NH	306	Asher
11	Fields of Psychology	3	3	D	NH	306	Asher

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
PSYCHOLOGY—Continued							
The following courses not open to lower division students:							
113	Psychology of Learning	3	By	Appt.	NH	204	White
120a-d	Independent Work in Psychology	2	By	Appt.	NH	200	Staff
114	Abnormal Psychology	3	3	D	NH	300	White
The following course open only to graduate students:							
203a or b	Problems in Psychology	2	By	Appt.	NH	200	Staff
150	Travel Course in Psychology: 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 work in the major field.							
*S5a	Elementary Spanish (cont.)....	2	1	D	S	307	Holmes
S7a	Intermediate Spanish	2	1	D	S	307	Holmes
S7b	Intermediate Spanish	2	1	D	S	307	Holmes
*S1b	Elementary French (cont.)	2	2	D	S	307	Holmes
*S2a	Intermediate French	2	2	D	S	307	Holmes
*S2b	Intermediate French	2	2	D	S	307	Holmes
The following courses not open to lower division students:							
S109b	XIX Century French Literature	2	3	D	S	307	Holmes
114a, b, c, etc.	Independent Work in Romance Languages	3	By	Appt.			Holmes
Note: No credit for duplication of high school work. If one unit is offered, take 1b or 5b, etc. No credit for 1a or 5a before 1b or 5b is passed.							
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.							
The following courses not open to lower division students:							
110	Child Welfare	3	1	D	FH	105	Montgomery
109	The Family	3	2	D	FH	105	Montgomery
112	Community Organization	3	3	D	FH	106	Moren
113	Introduction to Social Case Work	3	1	D	FH	106	Moren

* Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
ZOOLOGY							
<p>Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. Required: Zoology 7a, 7b, or 157a, 157b; Zoology 106, 108a, 108b; Zoology 114a, 114b; a minimum of 15 credits of work above 1a, 1b; passing a comprehensive examination before graduation.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major.</p> <p>The following course not open to freshmen and sophomores:</p>							
108a	Evolution For Anthropology 101 see Anthropology and Archaeology.	2	4	D	Mus.	1	Funkhouser

COLLEGE OF AGRICULTURE

ANIMAL INDUSTRY							
106	Pork Production	3	3	D	D	109	Wilford
107	Sheep Production	3	4	D	Agr.	301	Horlacher
120	Systems of Live Stock Production	3	2	D	Agr.	301	Horlacher
S129	Dairy Bacteriology	3	1, 2	D	D		Morrison
HOME ECONOMICS							
115	Child Care and Training	3	4	D	Agr.	205	Deephouse
121a	or Special Problems	2	4	D	Agr.	205	Deephouse
142	Home Management	5	2, 3	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	209	{ Bureau or Barnett for each class
7	Dynamo Design	2,3	22 hrs.	By Appt.	MH	104	
3	Alternating Currents	3	4	D	MH	209	
9b	Electrical Lab.	1	5, 6	MWF	MH	108	
ENGINEERING MECHANICS							
6	Analytical Mechanics	5	2, 3	D	MH	201	Johnson

SECOND TERM
COLLEGE OF LAW

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
107b	Crimes II	2	1	D	LB	102	Randall
142	Industrial Relations	2	2	D	LB	102	Moreland
145	Insurance	2	3	D	LB	103	Roberts
148	Domestic Relations	2	4	D	LB	102	Moreland
153	Taxation	2	1	D	LB	103	Roberts

COLLEGE OF EDUCATION

ADMINISTRATION							
The following course not open to freshmen and sophomores:							
101	School Organization	3	4	D	E	134	Chamberlain
The following courses open only to graduate students:							
202	Local School Administration...	3	4	D	E	222	Swing
210	Special Problems in School Administration	3		By Appt.	E	232	Chamberlain
212	The Elementary School	3	2	D	E	134	Chamberlain
213	State School Administration...	3	3	D	E	231	Crawford
225	The Supervision of Instruction	3	1	D	E	231	Swing
232	High School Administration	3	3	D	E	131	Ligon
AGRICULTURAL EDUCATION							
The following courses open only to graduate students:							
280	Methods in Teach. Vocational Agriculture (first 2½ weeks)	3	By Appt.	D	E	226	Hammonds
287c	Evening Schools (second 2½ weeks)	3	By Appt.	D	E	226	Woods
287c	Evening Schools (first 2½ weeks)	3	By Appt.	D	E	107	Woods
287e	Teaching Farm Shop (second 2½ weeks)	3	By Appt.	D	E	226	Woods
COMMERCIAL EDUCATION							
The following courses not open to freshmen and sophomores:							
158a	Methods of Teaching Secretarial Subjects	2	2	D	WH	207	Lawrence
158b	Methods of Teaching Accounting	2	4	D	WH	207	Lawrence
192	Methods and Materials in General Business	3	3	D	WH	207	Lawrence
EDUCAT'NAL PSYCHOLOGY							
The following courses not open to freshmen and sophomores:							

SECOND TERM
COLLEGE OF EDUCATION—Continued.

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	EDUC. PSYCHOLOGY—Cont.						
122	Educational Tests and Measurements for High School Teachers	3	1	D	E	222	Ross
147	Foundations of Secondary Education	3	2	D	E	222	Ross
	ELEMENTARY EDUCATION						
Note:	For Public School Art and Public School Music see Art and Music Departments.						
S37	Teaching of English in the Elementary School	2	1	D	E	131	Haines
20	Industrial Arts in the Elementary School	2	4	D	E	170	Haines
42	Teaching of Arithmetic in the Elementary School	3	1	D	E	134	Duncan
	The following course not open to freshmen and sophomores:						
172	Teaching of Reading in the Elementary School	3	3	D	E	134	Duncan
	HOME ECONOMICS EDUCATION						
Any one or two of these courses will be offered either the first 2½ weeks, July 15–July 30, or the second 2½ weeks, July 30–August 17, if a sufficient number of students desire them.							
	The following courses not open to freshmen and sophomores:						
164	Method of Teaching Child Training	3		By Appt.	E	104	Spickard, Parker
178	Method of Teaching Home Management and Family Relationships	3		By Appt.	E	104	Spickard, Parker
	The following courses open only to graduate students:						
263	Current Problems in Home Economics Education	3		By Appt.	E	104	Parker, Spickard
266	Seminar in Home Economics....	3		By Appt.	E	104	Parker.
268	Home Economics Curriculum Construction	3		By Appt.	E	104	Spickard, Parker, Spickard
	PHILOSOPHY of EDUCATION						
35	Classroom Management	3	4	D	E	231	Meece
	The following courses open only to graduate students:						
205	Review of Educational Literature	3	2	D	E	231	Adams

SECOND TERM
COLLEGE OF EDUCATION—Continued

Course No.	Subject	No. Crs.	Hour	Days	Bldg.	Room No.	Instructor
	PHILOSOPHY OF EDU.—Cont.						
227a	Principles of Curriculum Construction	3	3	D	E	222	Adams Chamberlain and others
222b	Thesis Course	3	By	Appt.	E	232	
	SECONDARY EDUCATION						
	The following course not open to freshmen and sophomores:						
105	Technique of Teaching	3	2	D	E	131	Ligon

COLLEGE OF COMMERCE

*3	Economic History of the U. S.	3	2	D	WH	303	Jennings
{ 7b	Principles of Account'g, Rec. }	4	{ 4	D	WH	301	Haun
} 7b	Principles of Account'g, Lab. }		} 5, 6	MWF	WH	401	Haun
104	Public Finance (prereq. 1).....	3	3	D	WH	306	Sullivan
110	Business Cycles (prereq. 1).....	3	5	D	WH	306	Palmer
208	Advanced Economic Theory.....	3	6	D	WH	306	Sullivan

* Open to Freshmen.

ORGANIZATION

UNIVERSITY OF KENTUCKY

Lexington, Kentucky

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

COLLEGE OF ARTS AND SCIENCES

Paul P. Boyd, Ph. D., Dean

Courses in Arts, Sciences, Journalism

COLLEGE OF AGRICULTURE

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

Courses in Agriculture and Home Economics

Experiment Station

Extension Division of Agriculture

COLLEGE OF ENGINEERING

W. E. Freeman, E. E., Acting Dean

COLLEGE OF LAW

Alvin E. Evans, Ph. D., J. D., Dean

COLLEGE OF EDUCATION

William S. Taylor, Ph. D., Dean

COLLEGE OF COMMERCE

Edward Wiest, Ph. D., Dean

GRADUATE SCHOOL

William D. Funkhouser, Ph. D., Dean

SUMMER SESSION

Jesse E. Adams, Ph. D., Director

UNIVERSITY EXTENSION DEPARTMENT

Louis Clifton, M. A., Acting Director

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY JOHN BURNET

IN TWO VOLUMES

VOLUME THE SECOND

LONDON

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.

Printed by R. B. A. G.