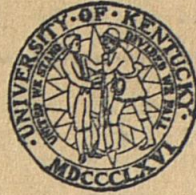


m. J. Crutcher

BULLETIN

University of Kentucky



SUMMER SESSION 1933

First Term: June 12 to July 15
Second Term: July 17 to August 19

FEBRUARY, 1933

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. 25

No. 2

1933

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	---	---	---	---	---	---	1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	31	---	---	---	---	23	24	25	26	27	28	29
---	---	---	---	---	---	---	30	31	---	---	---	---	---

FEBRUARY							AUGUST						
---	---	---	1	2	3	4	---	---	1	2	3	4	5
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28	---	---	---	---	27	28	29	30	31	---	---

MARCH							SEPTEMBER						
---	---	---	1	2	3	4	---	---	---	---	---	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	---	24	25	26	27	28	29	30

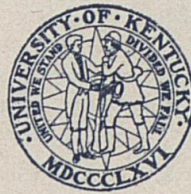
APRIL							OCTOBER						
---	---	---	---	---	---	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	29	30	31	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---

MAY							NOVEMBER						
---	1	2	3	4	5	6	---	---	---	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	---	---	---	26	27	28	29	30	---	---

JUNE							DECEMBER						
---	---	---	---	1	2	3	---	---	---	---	---	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	---	24	25	26	27	28	29	30
---	---	---	---	---	---	---	31	---	---	---	---	---	---

BULLETIN

University of Kentucky



SUMMER SESSION 1933

First Term: June 12 to July 15

Second Term: July 17 to August 19

CONTENTS

	Page
Admission	22
Beauties of the Blue Grass	14
Changes in Registration	25
College of Agriculture Schedule	48, 61
College of Arts and Sciences Schedule	39, 57
College of Commerce Schedule	53, 64
College of Education Schedule	50, 62
College of Engineering Schedule	49, 62
College of Law Schedule	50, 62
Designation of Courses	24
Ex-Service Men	19
Explanations and Abbreviations	38
Extra-Curricular Events	3
Faculty	7
Fee for Change in Classification	25
Fees	24
General Information	14
General Requirements for a Degree	27
Late Classification Fee	25
Late Registration	25
Marking System	25
Museum of Geology	18
Officers of Administration	6
Officers of Summer Session	6
Physical Plant of the University	15
Placement Service	19
Public Health Courses	20
Reduced Railroad Rates	24
Refunds	24
Residence Requirements for Graduation	27
Requirements for Graduation:	
College of Agriculture	30
College of Arts and Sciences	28
College of Commerce	35
College of Education	31
College of Engineering	30
College of Law	31
The Graduate School	35
Room and Board	26
Schedule of Lectures and Recitations	38
Summer Session Calendar	5
Student Load	24
Teachers' Certificates	33
The Summer Session	14
Training School	20
University Commons	19

EXTRA-CURRICULAR EVENTS FOR THE 1933 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

Wednesday 14, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 15, 10:00 a. m.	Convocation in Memorial Hall President Frank L. McVey, speaker
Thursday 15, 7:15 p. m.	Band Concert in Amphitheatre
Friday 16, 7:30 p. m.	Faculty Reception for students on lawn in front of Mechanical Hall
Sunday 18, 4:30 p. m.	Vesper Service, Memorial Hall
Wednesday 21, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 22, 7:15 p. m.	Band Concert in Amphitheatre
Friday 23, 9:00-12:00 p. m.	Summer School Party in Patterson Hall
Sunday 25, 4:30 p. m.	Vesper Service, Memorial Hall
Tuesday 27, 4:00 p. m.	All-University Picnic for faculty and students held at Joyland Park
Wednesday 28, 11:15 a. m.	Convocation in Memorial Hall Mrs. Virgil Gaitskill (Play Review)
Wednesday 28, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Wednesday 28, and Thursday 29	Radio Conference Under direction of Eugene J. Coltrane, Special Representative, National Committee on Education by Radio
Thursday 29, 7:15 p. m.	Band Concert in Amphitheatre
Friday 30, 7:30 p. m.	Lecture in Memorial Hall Judge E. J. Millington, Cadillac, Michigan

JULY

Wednesday 5, 4:00-6:00 p. m.	Tea at Maxwell Place President and Mrs. McVey, hosts
Thursday 6, 9:00 a. m.	Convocation in Memorial Hall Doctor Harry Clark, Superintendent of Schools, Knoxville, Tennessee, speaker

Thursday 6, 7:15 p. m.	Band Concert in Amphitheatre
Friday 7, 8:00 p. m.	Play—Guignol Theatre
	Professor Frank Fowler, Director
Sunday 9, 4:30 p. m.	Vesper Service, Memorial Hall
Tuesday 11, 7:30 p. m.	Musical Concert in Memorial Hall
	Professor Carl Lampert, Director
Wednesday 12, 4:00–6:00 p. m.	Tea at Maxwell Place
	President and Mrs. McVey, hosts
Thursday 13, 2:30 p. m.	Blue Grass Tour
Friday 14, 7:15 p. m.	Band Concert in Amphitheatre

SECOND TERM

JULY

Thursday 20, 7:30 p. m.	Faculty Reception for students on lawn in front of Mechanical Hall
Friday 21, 9:50 a. m.	Convocation in Memorial Hall
Friday 21, 7:15 p. m.	“Little Symphony,” Memorial Hall
	Professor Carl Lampert, Director
Thursday 27, 7:15 p. m.	“Little Symphony,” Memorial Hall
	Professor Carl Lampert, Director
Friday 28, 9:00–12:00 p. m.	Summer School Party in Patterson Hall

AUGUST

Wednesday 2, 7:15 p. m.	“Little Symphony,” Memorial Hall
	Professor Carl Lampert, Director
Friday 4, 8:00 p. m.	Play (Outside Talent)
Tuesday 8, 11:15 a. m.	Convocation in Memorial Hall
Tuesday 8, 7:30 p. m.	Lecture on birds in Memorial Hall
	Charles Crawford Gorst, Boston, Mass.
Thursday 10, 7:15 p. m.	“Little Symphony,” Memorial Hall
	Professor Carl Lampert, Director
Friday 11, 2:30 p. m.	Blue Grass Tour
Tuesday 15, 7:30 p. m.	Concert in Memorial Hall
	Professor Carl Lampert, Director
Wednesday 16, 6:00 p. m.	Commencement Dinner, University Commons
Thursday 17, 8:00 p. m.	Reception for graduates
Friday 18, 3:30 p. m.	Commencement

SUMMER SESSION CALENDAR

Monday	June 12	Registration for first term.
Tuesday	June 13	Classes begin.
Friday	June 17	Last date for making changes in registration or in schedule without payment of fee.
Monday	June 19	Last date upon which a student may register for credit for the first term's work.
Monday	June 19	Last date upon which a student may be dropped without a grade.
Saturday	July 1	Last date upon which a student may withdraw and receive a refund on matriculation fee for the first term.
Saturday	July 15	Examinations for the first term.
Monday	July 17	Registration for second term.
Tuesday	July 18	Classes begin.
Friday	July 21	Last date of making changes in registration or in schedule without payment of fee.
Monday	July 24	Last date on which a student may register for credit for the second term's work.
Monday	July 24	Last date upon which a student may be dropped without a grade.
Saturday	August 5	Last date upon which a student may withdraw and receive a refund on matriculation fee for the second term.
Friday	August 18	Commencement
Saturday	August 19	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
FREDERICK PAUL ANDERSON, M. E., Dean, College of Engineering.
ALVIN E. EVANS, Ph. D., J. D., Dean, College of Law.
WILLIAM S. TAYLOR, Ph. D., Dean, College of Education.
EDWARD WIEST, Ph. D., Dean, College of Commerce.
THEODORE TOLMAN JONES, Ph. D., Acting Dean, Graduate School.
LOUIS CLIFTON, M. A., Acting Director of University Extension.
COLUMBUS RUDOLPH MELCHER, A. M., Dean of Men.
SARAH G. BLANDING, A. M., Dean of Women.
MRS. P. K. HOLMES, A. B., Dean of Women in the Summer Session.
EZRA L GILLIS, A. B., Registrar.
DAVID HOWARD PEAK, A. M., Business Agent.
MARGARET ISADORE KING, A. B., Librarian.
M. J. CRUTCHER, B. M. E., Superintendent of Buildings and Grounds.

Faculty



- ADAMS, JESSE E., Ph. D.
Professor of Philosophy of Education; Director of the Summer Session
- ALLEN, RICHARD S., M. S.
Associate Professor of Anatomy and Physiology; Head of the Department
- ALLEN, WILLIAM RAY, Ph. D.
Professor of Zoology
- ANDERSON, GRACE, A. B.
Critic Teacher in English
- ANDERSON, WALTER SEWELL, M. A.
Professor of Genetics
- ARKLE, THOMAS MCKEE
Instructor in Wood Shop
- ASHER, ESTON JACKSON, M. A.
Assistant Professor in Psychology
- AVERETT, LLOYD B., M. A.
Instructor in Economics
- 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
- BEAUMONT, HENRY, Ph. D.
Assistant Professor of Psychology
- BECKLEY, FRANK MILWARD
Instructor in Machine Shop
- BEDFORD, MATHEW HUME, Ph. D.
Professor of Chemistry
- BEST, HARRY, Ph. D.
Professor of Sociology; 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
- BUREAU, ERNEST ADOLPHE, E. E.
Professor of Electrical Engineering
- CALDWELL, L. C., M. A.
*Visiting Instructor in Elementary Education; Superintendent of
Boyd County Schools*
- CARD, DANA GEORGE, M. S.
Assistant Professor of Agricultural Economics
- CARTER, LUCIAN HUGH, Ph. D.
Assistant Professor of Economics
- CHAMBERLAIN, LEO M., Ph. D.
Professor of Educational Administration
- CLARK, THOMAS D., Ph. D.
Instructor in History
- CLIFTON, LOUIS, M. A.
Acting Director Department of University Extension
- COHEN, LEON W., Ph. D.
Assistant Professor of Mathematics and Astronomy
- COLE, ESTHER, Ph. D.
Assistant Professor of Political Science
- CONROY, KATHERINE, A. B.
Sixth Grade Teacher in the University Training School
- CRAWFORD, ALBERT BYRON, Ph. D.
Instructor in Administration
- CRAYTON, SHERMAN G., M. A.
Director of the University Training School
- CRUTCHER, M. J., B. M. E.
Superintendent of Buildings and Grounds
- CURRIN, ALTHEA M., B. S. in Library Science
Visiting Instructor in Library Science
- DANIEL, ETHELEEN, M. A.
Fifth Grade Teacher in the University Training School
- DANTZLER, LEHRE L., M. A.
*Professor of Philology; Head of the Department of English
Language and Literature*
- DAVIES, CLARA A., B. S.
Visiting Instructor in Library Science
- DAVIS, JOSEPH MORTON, M. A.
Professor of Mathematics and Astronomy
- DEEHOUSE, LAURA, M. S.
Instructor in Home Economics
- DICKER, JOHN B.
*Superintendent of Shops; Head of Department of Practical
Mechanics*
- DOWNING, HAROLD HARDESTY, Ph. D.
Professor of Mathematics and Astronomy

- DUNCAN, MRS. MAY K., M. A.
Assistant Professor of Elementary Education
- EAST, MARGARET L., R. N.
State Board of Health
- ELY, FORDYCE, M. S.
Professor of Animal Husbandry
- EVANS, ALVIN E., Ph. D., J. D.
Dean, College of Law
- FARQUHAR, EDWARD FRANKLIN, M. A.
Professor of English
- FERGUS, ERNEST NEWTON, Ph. D.
Associate Professor of Farm Crops; Assistant Agronomist
- FLYNN, CLARENCE
Laboratory Assistant
- FOSTER, FLOSSIE M., B. S.
Visiting Instructor in Library Science
- FOWLER, FRANK C., M. A.
Assistant Professor of English
- FREEMAN, W. A., M. D.
Professor of Health Administration at Johns Hopkins University
- FREEMAN, WILLIAM EDWIN, E. E.
*Assistant Dean of the College of Engineering; Head of the
Department of Electrical Engineering*
- GALLAWAY, WILLIAM FRANCIS, Ph. D.
Assistant Professor of English
- GILLIS, EZRA L., A. B.
Registrar; Professor of Educational Administration
- GRAGG, LUCY, A. B., B. S.
Librarian in the University Training School
- GREHAN, ENOCH BACON, A. B.
Professor of Journalism; Head of the Department
- GRUNDMEIER, EDITH, M. S.
Assistant Professor of Home Economics
- HAINES, MRS. RUTH, M. A.
Instructor of Elementary Education
- HALL, ELLERY L., M. A.
Assistant Professor of History
- HAMMONDS, CARSIE, Ph. D.
Professor of Agricultural Education
- HILL, HENRY HARRINGTON, Ph. D.
*Lecturer in Administration; Superintendent of City Schools,
Lexington, Kentucky*
- HOLLOWAY, J. B., M. A.
Professor of Administration
- HOLMES, HENRY BERT, M. A.
Assistant Professor of Romance Languages
- HORINE, JOHN SHERMAN, M. E.
Associate Professor of 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, J. CATRON, Ph. D.
Professor of Political Science; Head of the Department
- JONES, THEODORE TOLMAN, Ph. D.
*Professor of Ancient Languages; Head of the Department; Acting
Dean of the Graduate School*
- KARRAKER, PERRY ELMER, M. A.
Associate Professor of Soils
- KEMPER, DURBIN C., B. S.
Critic Teacher in Science
- KENNARD, CHARLES D.
Instructor in Foundry
- KETTENACKER, JOHN RALPH
Instructor in Pattern Making
- KNIGHT, GRANT C., M. A.
Associate Professor of English
- KOPPIUS, OTTO TOWNSEND, Ph. D.
Professor of Physics
- KUIPER, JOHN, M. A.
Professor of Philosophy; Head of the Department
- LAMPERT, CARL, B. M.
Professor of Music; Head of the Department
- LATIMER, CLAIBORNE GREEN, Ph. D.
Professor of Mathematics and Astronomy
- LEE, ATA, M. A.
State Supervisor of Home Economics Education
- LEONARD, MARJORIE, A. B.
Fourth Grade Teacher in the University Training School
- LESTOURGEON, FLORA ELIZABETH, Ph. D.
Associate Professor of Mathematics and Astronomy
- LEWIS, MILDRED, B. S. in Music Education
Instructor in Music
- LIGON, M. E., M. A.
Professor of Secondary Education
- LOCKMEYER, ELSIE, A. B.
Second Grade Teacher in the University Training School
- LUNDE, ROBERT GERHAD, M. A.
Assistant Professor of History

- 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 B., Ph. D.
Assistant Professor of Botany
- MCLAUGHLIN, MARGUERITE, A. B.
Assistant Professor of Journalism
- McVEY, FRANK LEROND, Ph. D., LL. D.
President of the University
- MANNING, JOHN W., Ph. D.
Associate Professor of Political Science
- MEACHAM, REID PHILIP, M. S.
Assistant Professor of Geology
- MELCHER, COLUMBUS RUDOLPH, M. A.
*Dean of Men; Professor of German Language and Literature;
Head of the Department*
- 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.
Critic Teacher, Mathematics
- MONTGOMERY, EDWARD W., M. A.
Assistant Professor of Sociology
- MORELAND, ROY, J. D.
Professor of Law
- MURRAY, FRANK, S. J. D.
Professor of Law
- NICHOLLS, WILLIAM DURETT, Ph. D.
Professor of Farm Management; Head of the Department
- NOE, JAMES THOMAS COTTON, M. A., Litt. D.
Professor of History of Education
- PALMER, EDGAR Z., Ph. D.
Associate Professor of Economics
- PARDUE, LOUIS ARTHUR, Ph. D.
Assistant Professor of Physics
- PARKER, ETHEL LEE, M. A.
Professor of Home Economics Education
- PECK, ANNA B., M. A.
Critic Teacher in the Social Sciences
- PECK, JOSEPH
Assistant, Johnston Solar Laboratory
- PORTER, RICHMOND CLAY, B. S. in M. E.
Research Assistant in Heating and Ventilation

- PORTMANN, VICTOR R., A. B.
Assistant Professor in Journalism
- POTTER, MERVIN ELWOOD, M. A.
*Associate Professor of Physical Education; Head of the
Department*
- PRICE, WALTER ALLEN, M. S.
Professor of Entomology; Head of the Department
- RAMSAY, BERTRAND PETTUS, M. S.
Instructor in Physics
- RANDALL, FRANK, S. J. D.
Professor of Law
- RICE, JOHN HUGHES
Assistant in Steam Laboratory
- ROBERTS, W. LEWIS, S. J. D.
Professor of Law
- ROBINSON, LEWIS CASS, M. S.
Associate Professor of Geology
- ROGERS, RUTH, B. S.
First Grade Teacher in the University Training School
- ROSS, CLAY CAMPBELL, Ph. D.
Professor of Educational Psychology; Head of the Department
- SAUNIER, STEPHEN THADDEUS
Instructor in Forge Shop
- SCHERAGO, MORRIS, B. S., D. V. M.
Professor of Bacteriology; Head of the Department
- SEMMONS, MILDRED, B. S.
*Assistant Professor of Library Science; Acting Head of the
Department*
- SERVER, ALBERTA WILSON, M. A.
Assistant Professor of Romance Languages
- SHERWOOD, T. C., M. A.
Assistant Professor of Anatomy and Physiology
- SINGER, DAVID NORTON
Instructor in Automotive Engineering
- SPICKARD, RONELLA, M. S.
Associate Professor of Home Economics Education
- STEWART, OLUS JESSE, Ph. D.
Assistant Professor of Chemistry
- STURGEON, NEWTON R.
Instructor in Foundry
- SULLIVAN, RODMAN, M. A.
Assistant Professor of Economics
- SULZER, ELMER GRIFFITH, A. B.
Instructor in Music; Director of Publicity Bureau
- SUTHERLAND, WILLIAM R., A. B.
Assistant Professor of English

TAYLOR, A. P., A. B.
Student Assistant in Zoology

TAYLOR, WILLIAM SEPTIMUS, Ph. D.
Dean, College of Education

THURMAN, GORDON OWEN
Assistant Superintendent of Shops; Instructor in Machine Shop

TRIMBLE, ERNEST G., Ph. D.
Instructor in Political Science

TUCKER, THOMAS C.
Instructor in Wood Shop

TUTHILL, EDWARD, Ph. D.
Professor of History; Head of the Department

VANDENBOSCH, AMRY, Ph. D.
Professor of Political Science

WADE, GERTRUDE ELIZABETH, M. A.
Associate Professor of Home Economics

WARBURTON, FRED WILLIAM, Ph. D.
Assistant Professor of Physics

WARD, WILLIAM S., M. A.
Instructor in English

WATKINS, ISAAC G.
Assistant, Engineering Laboratory

WEAVER, RALPH HOLDER, Ph. D.
Associate Professor of Bacteriology

WEBB, WILLIAM SNYDER, M. S.
*Professor of Physics; Head of the Department; Professor of
 Anthropology and Archaeology; Head of Department*

WEST, MARY LUCILE, M. A.
Critic Teacher in Romance Languages

WHITE, MARTIN MARSHALL, Ph. D.
Associate Professor of Psychology

WIEST, EDWARD, Ph. D.
Dean of College of Commerce; Professor of Economics

WILFORD, EDWARD JAMES, M. S.
Associate Professor of Animal Husbandry

WILKINS, JAMES E., B. S. in M. E.
Instructor in Electrical Engineering

WILLSON, LOUISE, A. B.
Third Grade Teacher in the University Training School

WOODS, RALPH H., Ph. D.
Associate Professor of Agricultural Education

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

GENERAL INFORMATION

THE SUMMER SESSION

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

The rapid growth of the summer session may be noted when one reflects that the enrollment in 1918 was 172; in 1925, 1,298; and in 1931, 2,623. Due to the depression and other economic factors there was a slight decrease in the enrollment for 1932. The increase in the number of faculty members has kept pace with the increase in enrollment. In 1918 the entire staff of the summer school consisted of 27 instructors, while in 1925 there were 76, and in 1932, 140. Many of these instructors taught in both terms of the summer session.

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

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

THE BEAUTIES OF THE BLUE GRASS

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

Many of the vast horse farms, some individual establishments containing more than a thousand acres, are open to visitors throughout the year. These farms with their broad pastures, their sparkling streams, their woodlands of gigantic forest trees and their paved drives and roads provide Fayette County with a system of parks which is decidedly unique. In this enjoyable touring region one finds vast tobacco farms, meadowland, 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, the old Wernwag covered bridge, Dix River Dam, Herrington Lake, old Shakertown, Fort Harrod and Pioneer Cemetery at Harrodsburg, Centre College at Danville, and Berea Mountain School at Berea. Within twenty-five miles of Lexington one can visit the state capitol, Frankfort, and see the new capitol building, the old capitol building, the Kentucky Historical Society museum, and the state cemetery—burial place of Daniel Boone and a number of Kentucky soldiers and statesmen.

THE PHYSICAL PLANT OF THE UNIVERSITY

The University's Physical Plant has steadily increased in size since 1880 from four to more than forty-six buildings. This growth has come about in a conservative manner, at minimum expense to the state, and well timed to meet the needs of a growing University. The original campus area of 51.87 acres has increased to a total of 106 acres. The College of Agriculture Experiment Station Farm has increased from a comparatively small place to a magnificent farm of 600 acres. This farm is noted for its large number of experimental plots that have been under constant observation for the past forty years. From the standpoint of time, they are just half as old as the oldest experimental plots in the world. The very nature of agricultural science requires the passing of a great many decades, seasonal changes and cycles before the foundation can be laid on which to build values of scientific interest. In this respect the University of Kentucky is well on its way. A list of the most interesting buildings on the campus is presented in this catalog for summer session students.

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

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

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

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

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

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

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

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

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

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

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

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

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

Frazee Hall, erected in 1907 and named in honor of D. F. Frazee, former member of the Board of Trustees, is the location of the University Extension Department and classrooms of the History, Philosophy, and Sociology Departments.

Kastle Hall, built in 1910 and named in honor of Doctor Joseph H. Kastle, former Dean of the Agricultural College and Director of the

Experiment Station, contains the Chemistry and Bacteriology Departments.

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

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

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

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

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

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

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

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

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

Patterson Home, the home of Doctor James Kennedy Patterson, former president of the University, was built in 1882. The home has recently been converted into the Women's Building for University students.

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

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

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

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

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

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

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

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

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

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

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

MUSEUM OF GEOLOGY

In connection with the opening of the offices of the Kentucky Geological Survey, recently organized and transferred to the University of Kentucky under the name of the *Bureau of Mineral and Topographic Survey*, the University has established a *Museum of Geology* devoted primarily to the geology of Kentucky. This Museum is located in the Administration Building, Room 201. Here are displayed the minerals and rocks of economic value to the state, geologically interesting formations, and representative material from without the state. Conspicuous among the exhibits are three cases displaying the extensive collection of cave formations collected last summer from the well-known caves of Kentucky. A large exhibit of fossil life, not only of Kentucky but elsewhere, includes a great variety of types varying from Kentucky petrified wood and other fossil vegetation to specimens of marine forms once inhabiting this region.

ALUMNI ASSOCIATION

Students who attend the 1933 summer session will find an active alumni organization on the campus. This organization was established primarily to aid alumni in rendering a greater service to their Alma Mater.

SOCIAL LIFE IN THE SUMMER SCHOOL

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

The extra-curricular offerings in the summer of 1932 were greatly appreciated by the students and widely attended. The extra-curricular offerings in the 1933 summer session will include music concerts, teas, dances, plays, tours, lectures, picnics, and convocations. For information on the extra-curricular program for 1933 see the calendar of social events on page 3 of this bulletin.

UNIVERSITY COMMONS

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

PLACEMENT SERVICE

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

The University desires to be of greatest service to the public schools of Kentucky by training an efficient group of teachers and by placing each one of these in the type of position where he can do his best work. Each student in attendance at the University who desires a position should register with the Placement Bureau, Room 116, Training School Building. Superintendents and principals of schools desiring teachers should write to the Placement Service, College of Education, for the credentials of persons available.

EX-SERVICE MEN

Ex-service men, under the provisions of Kentucky Statutes, receive free tuition and room rent. This applies to the summer session as

well as to regular sessions. It applies only to persons who were residents of Kentucky at the time of their enlistment. In order to receive the benefits of the law, such persons must file written application with the Registrar of the University. Such application must be accompanied by the certificate of discharge.

TRAINING SCHOOL

The Training School will be in session during the first summer term only. The term for the Junior and Senior High School will begin June 5 and close July 14. The term for the elementary division will begin June 12 and close July 14.

Students desiring to take Directed Teaching in junior or senior high school subjects should enroll on or before June 5. Students taking Directed Teaching in the elementary grades should enroll on or before June 12.

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

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

Pupils from any of the schools of the state will be permitted to enroll in the Training School for the summer term. The tuition charge for high school pupils will be \$10.00 for one-half unit or \$15.00 for one full unit. Tuition in the elementary division will be \$7.50 for the five weeks' term.

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

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

COURSES IN PUBLIC HEALTH

The courses in public health were a new addition to the summer session of 1932. This department will be continued on a more extensive scale in 1933.

The inception of the school for public health officers is a result of the cooperation of the State Board of Health and the State Health

Officers together with the Department of Public Health at the University of Kentucky.

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

The department of public health offers courses leading to a degree in public health. The requirements in hours and residence work for a degree in this department are much the same as requirements for degrees in other departments of the University. For schedule see page 43.

LENGTH OF SESSION

The summer session of the University of Kentucky for 1933, will be ten weeks in length, six days a week, and will be divided into two terms, the first to begin June 12 and close July 15 and the second to begin July 17 and close August 19.

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.

ADMISSION

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

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

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

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

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

To Advanced Standing. Candidates who can present equivalents of any part of the college work may secure advanced standing and

thereby reduce the number of hours required for graduation. They may secure this advanced standing by one of two methods.

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

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

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

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

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

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

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

For further information, see statement of the Graduate School.

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

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

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

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

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 Scholarship and Attendance Committee. Persons entering five days late will be required to carry one credit less than the amount specified above.

REDUCED RAILROAD RATES

The Southeastern Passenger Association has granted railroad rates of one and one-fourth fares for round trip tickets for the summer session of 1933. This rate applies to the entire southeastern territory with the exception of stations in Virginia and Washington, D. C. Tickets will be on sale June 8 to June 14, inclusive, and July 13 to July 19, inclusive. The final limit on all tickets will be August 25. These tickets must be validated by the regular passenger agent at Lexington before the return journey is commenced.

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

FEES

The tuition fee for each college, with the exception of the College of Law, is \$22.75 a term. In the College of Law the fee is \$31.50 a term.

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

REFUNDS

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

shall the amount refunded exceed 70 per cent and in no case will refunds be made after the first three weeks.

LATE REGISTRATION

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

No student will be permitted to matriculate after Thursday of the first week of the term without special permission of the heads of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 19 nor for the second term's work after July 24.

CHANGES IN REGISTRATION

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

LATE CLASSIFICATION FEE

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

FEE FOR CHANGE IN CLASSIFICATION

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

MARKING SYSTEM

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

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

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

ROOM AND BOARD

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

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

In the women's residence halls, the cost of a room ranges from \$11.25 to \$13.50 a term, according to the room occupied. There are a few single rooms which may be had for \$13.50, the others are double rooms, each occupant paying \$11.25 a term. No definite room assignments are made until after June 5. No room is held for the first term after 7 p. m., June 12, or later than July 17 for the second term, unless special arrangements have been made with the Dean of Women. All women students are required to stay in the women's halls unless special permission is obtained from the Dean of Women.

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

Rooms in the men's halls cost \$10.00 to \$15.00 a term for each person in a room according to the room occupied. Bed linen is included. Reservations not claimed by June 12 and July 17, 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 had 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	*133.1	semester hours
A. B. in Education	*127	semester hours
B. S. in Commerce	*127	semester hours
LL. B.	*80	semester hours (60 A.&S. credits required for admission.)

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

3. CLASSIFICATION AS A REGULAR STUDENT.

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

4. FINANCIAL DELINQUENTS.

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

5. GROUP REQUIREMENTS.

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

*With equal number of quality points.

6. RESIDENCE REQUIREMENTS.

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

7. EXTENSION WORK.

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

8. APPLICATION FOR A DEGREE.

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

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

COLLEGE OF ARTS AND SCIENCES

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

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

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

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

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

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

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

Outline of Requirements for Graduation—Lower Division

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

*12, if only 3 units entrance.

II. GROUP REQUIREMENTS. 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

- III. 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.
- IV. 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.
- V. THE FOUR GENERICALLY RELATED FIELDS are: 1. Literature, Philosophy and the Arts. 2. Social Studies. 3. Physical Sciences. 4. Biological Sciences.
- VI. 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.
- VII. EXTENSION. Not more than 60 credits are allowed. Before taking extension work consult the Dean.

COLLEGE OF AGRICULTURE

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

These credits are classified as follows:

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

Total 139.3 credits

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.

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	41.9 credits
Electives required in home economics	8.0 credits
Free electives	25.0 credits

Total 133.7 credits

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

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

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

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

COLLEGE OF ENGINEERING

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

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

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

Bachelor of Science in Mining Engineering.

Bachelor of Science in Metallurgical Engineering.

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

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

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

C. E. (Civil Engineer).

E. E. (Electrical Engineer).

M. E. (Mechanical Engineer).

Met. E. (Metallurgical Engineer).

E. M. (Mining Engineer).

COLLEGE OF LAW

The summer session in the College of Law for 1933 occupies ten weeks. Certain courses may be completed at the end of the first five weeks, and in their place others will be taken up for the second five weeks' period. Certain other courses will occupy the entire session.

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

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

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

COLLEGE OF EDUCATION

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

Students who major in education and select their group work in

English, mathematics, the social sciences, the natural sciences or the languages will be entitled to consideration for the degree of Bachelor of Arts in Education.

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

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

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

1. GENERAL REQUIREMENTS		
English	6	credits
Science	6	credits
Social Science	6	credits
Psychology	3	credits
General Hygiene	1.3	credits
Physical Education	1.4	credits
Military Science (Men)	5.6	credits
Total		29.3 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	4	credits
School Organization	3	credits
Directed Teaching	5	credits
Educational Sociology	3	credits
Total		24 credits
4. FREE ELECTIVES	15 to 24	credits
5. TOTAL CREDITS REQUIRED		127

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

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

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

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

A FOUR-YEAR CURRICULUM FOR TRAINING ELEMENTARY TEACHERS

FRESHMAN YEAR

First Semester	Credits	Second Semester	Credits
Eng. 1a—English Composition	3	Eng. 1b—English Composition	3
Hist. 5a—History of U. S.	3	Hist. 5b—History of U. S.	3
Geography	3	Geography	3
Ed. 35—Survey of Education	3	Ed. 42—Teaching of Arith.	3
Mus. 4a—Music in Pri. Grades	2	Mus. 4b—Music in Int. Grades	2
Ph. Ed.—Physical Education	.7	Ph. Ed.—Physical Education	.7
Hyg. 1—Hygiene	1.3	Art 10—Public School Art	2
	<hr style="width: 50%; margin: 0 auto;"/> 16		<hr style="width: 50%; margin: 0 auto;"/> 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. 40—Teach. S. Studies in Intermediate Grades (or)	2	Electives	3
Ed. 44—Teach. S. Studies in Primary Grades	2	Ph. Ed. 10—Plays and Games for Children	1
Ed. 20—Industrial Arts in the Elementary School	2		
	<hr style="width: 50%; margin: 0 auto;"/> 16		<hr style="width: 50%; margin: 0 auto;"/> 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 style="width: 50%; margin: 0 auto;"/> 16		<hr style="width: 50%; margin: 0 auto;"/> 16

SENIOR YEAR

Science	3	Zool. 108a or b (either sem.)	2
Ed. 133—Directed Teaching (Either semester.)	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 style="width: 50%; margin: 0 auto;"/> 16		<hr style="width: 50%; margin: 0 auto;"/> 16

TEACHERS' CERTIFICATES

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

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

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

American History	3 sem. hrs.
Principles of Geography	3 sem. hrs.
Public School Art, or Public School Music.....	2 sem. hrs.
Health, or Agriculture, or Science	2 to 5 sem. hrs.
Elective	4 to 7 sem. hrs.

Standard Elementary Certificate: This certificate is issued upon a minimum of sixty-four semester hours of standard college credit, at least 48 of which must be earned in residence, including at least twelve semester hours in education. For this certificate the courses with the number of credits in each are as follows:

ENGLISH:

Oral and Written Composition	6 sem. hrs.
English Literature or American Literature.....	3 sem. hrs.
Children's Literature	3 sem. hrs.

EDUCATION:

Classroom Management	3 sem. hrs.
Teaching the Common School Branches.....	3 sem. hrs.
General or Educational Psychology	3 sem. hrs.
Supervised Student Teaching.....	3 sem. hrs.

HISTORY AND GOVERNMENT:

American History	3 sem. hrs.
American Government and Citizenship	3 sem. hrs.

ART:

Public School Art	2 sem. hrs.
-------------------------	-------------

MUSIC:

Public School Music	2 sem. hrs.
---------------------------	-------------

MATHEMATICS:

Teachers' Arithmetic	3 sem. hrs.
----------------------------	-------------

SCIENCE—BIOLOGY, CHEMISTRY OR PHYSICS:

Elective	5 or 6 sem. hrs.
----------------	------------------

GEOGRAPHY:

Principles of Geography	3 sem. hrs.
-------------------------------	-------------

HEALTH:

Personal Hygiene or Sanitary Science	2 sem. hrs.
Elective	16 sem. hrs.
Total	64 sem. hrs.

Provisional High School Certificate: This certificate is issued on a minimum of sixty-four semester hours of standard college work, including at least twelve semester hours in education. Reissued on thirty-two semester hours of college work EARNED AFTER ISSUANCE. The provisional high school certificate issued to senior college graduates will be reissued without additional semester hours earned after issuance, provided the holder has taught three years on the certificate.

Standard High School Certificate: This certificate is issued to graduates of standard senior colleges, including at least twelve semester hours in education with practice teaching or satisfactory evidence of two years teaching in high school.

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

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

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

COLLEGE OF COMMERCE

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

THE GRADUATE SCHOOL

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

Admission to the Graduate School. (See general admission requirements page 23.) College graduates who desire to confine their work to undergraduate courses and who do not expect to become candidates for higher degrees should not register in the Graduate School, but with the Dean of the College in which their courses are listed:

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

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

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

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

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

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

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

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

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

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

FIRST TERM

SCHEDULE OF LECTURES AND RECITATIONS

EXPLANATIONS AND ABBREVIATIONS

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

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

RECITATION HOURS

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

Noon Hour

Fifth Hour:	1:30— 2:35
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	Credit	Hour	Days	Bldg.	Room No.	Instructor
ART							
10	Public School Art	2	3	D	AC		
ANATOMY and PHYSIOLOGY							
Requirements for a Major, Prerequisites: Anatomy and Physiology, 1a, 1b, or 2a, 2b; Chemistry 1a, 1b; Zoology 1a, 1b; Physics, one year. Required: Anatomy and Physiology 105a, 105b, 116a, 116b, and 7 additional credits of advanced work in Anatomy and Physiology.							
Requirements in Field of Concentration: Forty credits in the field of Biological Sciences, including the major work.							
S1a	General Physiology	2	7:25-8:15	D	S	205	Allen
{	S2a ₁ Physiology, Physical Ed., Rec.	2	11:15-12:05	MWF	S	205	Allen
	S2a ₂ Physiology, Physical Ed., Lab.						
	The following courses are not open to sophomores:						
{	105a ₁ Human Osteology, Lec., Rec.	3	11:15-12:05	TThS	S	205	Allen
	105a ₂ Human Osteology, Lab.						
S106a	Endocrinology	2	8:25-9:15	D	S	205	Allen
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.....	2	7:25-8:15	D	A	303	Jones
S109a, b	Latin Literature (Selections)....	2	8:25-9:15	D	A	303	Jones
S121	Roman Civilization (in English)	2	9:50-10:40	D	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
102	Archaeology: Not open to lower division students	2	4	D	Mus.	1	Webb
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.							

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor			
BACTERIOLOGY—Cont.										
Requirements in Field of Concentration: Forty credits in the Biological Sciences Field, including the major work.										
Medical Technology Course: A four years' course in medical technology is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories. This course also fits the especially adapted student for either commercial or research laboratory work in bacteriology.										
Graduates of this course who may desire to enter medical school will have all the requirements of the American Medical Association and the Association of American Medical Colleges for entrance to all Class A medical schools.										
The following courses not open to sophomores:										
102 ₁	General Bacteriology, Lect....	4	7:00-7:50	D	KH	B13	Scherago			
102 ₂	General Bacteriology, Lab.....		7:50-9:40							
103 ₁	Pathogenic Bacteriology, Lec. }	4	11:00-11:50	D	KH	B13	Scherago			
103 ₂	Pathogenic Bacteriology, Lab. }		9:50-11:00							
107 ₁	Bacteriology of Water and Sewage, Lec.	4	9:50-10:40	D	KH	B14	Weaver			
107 ₂	Bacteriology of Water and Sewage, Lab.		10:40-12:30							
203a ₁	Public Health Bact., Lec.....		3					11:00-11:50	D	KH
203a ₂	Public Health Bact., Lab.....	1-3								
BOTANY										
Requirements for a Major. Prerequisites: Botany 7a, 7b. Required: Botany 6, 15, 19, 125a, 125b; Zoology 1a, 1b; a minimum of 15 credits of Botany.										
Requirements in Field of Concentration: Forty credits in the field of Biological Sciences, including the major work.										
*7a ₁	General Botany	3	2	D	WH	101	McFarland			
*7a ₂	General Botany	3	3	D	WH	101	McInteer			
*7b	General Botany	3	4	D	WH	101	McInteer			
15	Local Flora (Flower Identification)	3	3, 4	D except S	WH	102	McFarland			
CHEMISTRY										
Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a,1b,4,8. Required: Chemistry 109, 127a, b, and either 101 or 131a, b.										
For Field of Concentration Requirements see adviser.										
*1a	General Inorganic Chemistry ..	5	7:25-11:05	D	KH	101 200 201	} Mitchell			
4	Qualitative Analysis	4	7:25-11:05	D				KH	111 113	} Stewart
7	Organic Chemistry	4	7:00-9:40	D						

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY—Cont.							
8	Quantitative Analysis	5	7:25-12:30	D	KH	111	{ Bedford Stewart
	The following courses are not open to sophomores:					113	
101	Physical Chemistry	5	1, 2, 3	D	KH	B14	} Bedford
						B17	
106	Advanced Organic Chemistry....	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis	5	7:25-12:30	D	KH	111	Bedford
ECONOMICS							
1a	Principles of Economics (not open to freshmen)	3	2	D	WH	306	Wiest
*2	Economic History of Europe....	3	4	D	WH	303	Jennings
*8	Economic Geography	3	1	D	WH	303	Carter
The following courses not open to lower division students:							
102	Labor Problems (Prerequisite, Course 1a)	3	3	D	WH	306	Carter
104	Government Finance (Prerequisite, Course 1a)	3	2	D	WH	207	Sullivan
107	Statistical Method	3	3:00-4:15	D	WH	306	Palmer
127	International Economic Policies	3	3	D	WH	207	Sullivan
The following course open only to graduate students (Prerequisite, 1a)							
203	History of Economic Thought..	3	4	D	WH	207	Wiest
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.							
*S1a	English Composition	2	7:25-8:15	D	McVH	210	Yates
*S1b	English Composition	2	8:25-9:15	D	McVH	210	Yates
S3a	History of English Literature..	2	9:50-10:40	D	McVH	210	Yates
*34a	Dramatic Production	2	3	D		Guignol	Fowler
35	Dramatic Production, Advanced	2	4	D		Guignol	Fowler
The following courses not open to sophomores:							
111b	English Novel of 19th Century	3	2	D	McVH	200	Knight
123a	Amer. Literature before 1860..	3	3	D	McVH	200	Knight
125	Pronunciation of Modern English	3	2	D	McVH	211	Dantzler
116	Modern Drama	3	3	D	McVH	230	Farquhar
The following courses open to graduate students only:							
201a	Literary Criticism	3	4	D	McVH	230	Farquhar
207	Spenser	3	3	D	McVH	211	Dantzler

*Open to Freshmen.

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

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
GEOLOGY							
Requirements for a Major. Prerequisites: Geology 22a, 22b. Required: Geology 15a, 15b, 9a, 9b, 19a, 19b, 101a, 101b, 106a, 106b, 109a, 109b, 117a, 117b, 118a, or 118b.							
Requirements in the Field of Concentration: Forty credits in the Field of Physical Science, including the major work.							
*S22a	Elementary Geology	2	1	D	S	203	McFarlan
*S18a	Elements of Geography	2	4	D	S	203	Meacham
S10a	Geology of Kentucky	2	2	D	S	203	McFarlan
16a	Mineral Resources (non-metal)	2	3	D	S	203	Meacham
The following course is not open to lower division students:							
118b	Field Work in Regional Geology	2	(June	1-14)			McFarlan, Meacham
GERMAN LANGUAGE AND LITERATURE							
Requirements for a Major. Prerequisite Courses: 1a, 1b, 2a, 2b. Required: A minimum of 18 credits of advanced work in German.							
Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work.							
*1a	Elementary German	3	2	D	A	204	Melcher
*1b	Elementary German	3	2	D	A	204	Melcher
*2a	Intermediate German	3	3	D	A	204	Melcher
*2b	Intermediate German	3	3	D	A	204	Melcher
3a	Selected Readings	3	By Appt.	D	A	204	Melcher
3b	Selected Readings	3	By Appt.	D	A	204	Melcher
4a	Adv. Reading and Composition	3	By Appt.	D	A	204	Melcher
6	Scientific German	3	By Appt.	D	A	204	Melcher
The following courses not open to lower division students:							
101a	Nineteenth Century Literature	3	By Appt.	D	A	204	Melcher
101b	Nineteenth Century Literature	3	By Appt.	D	A	204	Melcher
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	Introduction to Modern Europe	2	7:00-7:45	D	FH	204	Lunde
*S5a	History of the United States....	2	8:25-9:15	D	FH	204	Lunde
The following courses not open to freshmen:							
S114	Renaissance in Italy	2	8:25-9:15	D	FH	202	Tuthill
S120	Twentieth Century	2	9:40-10:25	D	FH	202	Tuthill

*Open to Freshmen.

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

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
HISTORY—Cont.							
282	The following course open only to graduate students: Historical Criticism	2	11:15-12:00	D	FH	202	Tuthill
HYGIENE AND PUBLIC HEALTH							
*1	Personal & Community Health	1	2	D	A	4	Heinz
9	Hygiene for Teachers	2	3	D	A	4	Heinz
The following courses not open to lower division students:							
S100a	Public Health	2	4	D	A	4	Heinz
S110	Health Supervision of Schools..	2		D	McVH	111	Chambers
†218a	Vital Statistics	1.5	2	D	McVH	111	Freeman
†212a	Public Health Administration....	1.5	3	D	McVH	111	Freeman
†204	Maternal and Child Health.....	1.5	4	D	McVH	111	Chambers
125a	Public Health Nursing	1.5	2	D	McVH	109	East
125b	Public Health Nursing	1.5	1	D	McVH	109	East
JOURNALISM							
Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12. Required: Journalism 104a, 104b, 105, 106, 107, 108.							
Requirements in the Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work.							
The degree of A. B. in Journalism. Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. See outlines.							
*S1a	Reporting	2	2	D	McVH	50	McLaughlin
S12	Feature Writing	2	3	D	McVH	50	McLaughlin
S21	Etymology	2	4	D	McVH	54	Grehan
The following courses not open to lower division students:							
110	Supervision of High School Publications	3	8:25-10:25	D	McVH	53	Portmann
S111	Verbal Criticism	2	3	D	McVH	54	Grehan
LIBRARY SCIENCE							
Requirements of a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 15 credits of work in Library Science. Full curriculum advised.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts (or acceptable equivalent), including the major work.							
126	Administration	3	4	D	UL	314	Foster
133	Reference and Bibliography	3	3	D	UL	314	Currin
138	Methods of Teaching the Use of the Library (Prereq. 133)	2	1	D	As arr'g'd		Currin
139	Field Work (Prereq. 129, 133, or 150)	2	As arranged				Gragg

*Open to Freshmen.

†Open to Health Officers only.

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

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
LIBRARY SCIENCE—Cont.							
144	Library Records and Methods	2	2	D	UL	314	Foster
154	Seminar (open only by special permission to advanced students)	2	As arranged		UL	313	Semmons
The following courses are open only to students who have pursued 2-hour course in 126, 129, 133, 150:							
S126	Administration (Offered first 2½ weeks)	1	4	D	UL	313	Semmons
S129	Cataloging and Classification (Offered second 2½ weeks)	1	3	As arr'd	UL	313	Semmons
S133	Reference and Bibliography (Offered first 2½ weeks)	1	3	D	UL	313	Semmons
S150	Book Selection (Offered second 2½ weeks)	1	4	As arr'd	UL	313	Semmons
MATHEMATICS AND ASTRONOMY							
Requirements for a Major. Prerequisites: Junior standing; Courses 1 to 6. Required: A minimum of 18 credits of advanced work 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	7:00-8:50	D	McVH	129	Boyd
*S14	Mathematics of Finance	4	9:50-11:40	D	McVH	104	LeSturgeon
S6	Analytic Geometry	4	9:00-10:50	D	McVH	100	Davis
S7a	Differential Calculus	4	8:00-9:50	D	McVH	128	Downing
S7b	Integral Calculus	2	7:00-7:50	D	McVH	100	Davis
The following courses not open to lower division students:							
S103	Theory of Equations	2	11:15-12:05	D	McVH	128	Downing
The following courses open only to graduate students:							
S202a	Algebraic Curves	2	9:50-10:40	D	McVH	129	Boyd
S204	Calculus of Variations	2	8:25-9:15	D	McVH	104	LeSturgeon
MUSIC							
The following courses are not open to students who are candidates for the A. B. or B. S. degrees: Music 9a, 9b, 14a, 14b. Not more than 16 credits in applied music may be offered to count toward the A. B. or B. S. Degree. See outline for degree of B. S. in Music.							
Requirements for a Major. Prerequisites: Music 21a, 21b, 30a, 30b, Psychology 1. Required: Music 25a, 25b, 11a, 11b, 12a, 12b, 19a, 19b; Education 45, 46, 47.							
Requirements in the Field of Concentration: Forty credits in the Field of Literature, Philosophy and the Arts, including the major work.							
4a ₁	Public School Music	2	1	D	AC	7	Lewis
4b	Public School Music	2	2	D	AC	7	Lewis
4a ₂	Public School Music	2	By Appt.		AC		Lewis
(For B. S. in Music only)							

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
MUSIC—Cont.							
{ S15a to S18b	Applied Music (For B. S. in Music only. Two lessons per week)	1		By Appt.	AC		By arrangement
9a	Organization and Training of Musical Groups—Strings (for B. S. in Music only)	2	1	D	AC	8	Lampert
9b	Organization and Training of Musical Groups (Brass instruments and percussion)	2	3	D	AC	7	Sulzer
S35a to h	Applied Music (Piano) for A. B.	1		By Appt.	AC		By arrangement
S36a to h	Applied Music (Violin) for A. B.	1		By Appt.	AC		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.	AC		Lewis
*39a-d	Glee Club (Mixed Chorus).....	1	5	D	AC		Lampert and Lewis
14b	Organization and Training of Musical Groups (Orchestration and Conducting) (For B. S. in Music only)	2	3	D	AC		Lampert
28a	Concert Band	1	4 p.m.	D	AC	8	Sulzer
PHILOSOPHY							
Requirements for a Major. Prerequisites: Philosophy 1a, 1b. Required: Philosophy 31, 51, 101a, 101b, and 3 to 6 additional credits in Philosophy.							
Requirements in Field of Concentration. Literature, Philosophy and the Arts: Social Studies. Forty credits are required in one of the two above fields, including the major work.							
21	Introduction to Philosophy	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: Anatomy and Physiology 2a and 2b; Psychology 3. Required: Physical Education 29, 128, 124, 120, 148. A minimum of 15 credits of advanced work in Physical Education.							
Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.							
S14	Elementary Plays and Games..	1	9:50-10:40	D	T'S Gym.		Potter
The following courses not open to lower division students:							
148	Organization and Administration of Athletics	3	1	D	FH	105	Potter
120	Physical Diagnosis and Remedial Gymnastics	3	2	D	FH	105	Potter

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
PHYSICS							
Requirements for a Major. Prerequisites: Physics 3a, 3b, 5, 6; Mathematics 4, 5, 6. Required: Mathematics 7a, 7b. A minimum of 15 credits of advanced work in Physics.							
Requirements in the Field of Concentration: Forty credits in the Field of Physical Sciences, including the major work.							
*1a	Gen. Elem. Phys., Lec.....	5	1	D	C&P	200	Webb
*1a	Gen. Elem. Phys., Rec.						
*1a	Gen. Elem. Phys., Lab.						
*S51a	Introduction to Physics, Lec.....	2	1	D	C&P	201	Warburton
3a	Gen. Coll. Phys., Lec. & Rec. }	4	3	D	C&P	200	Koppius
3a	Gen. Coll. Phys., Lec. & Rec. }						
S5	Meas. in Mech. & Heat., Lec. }	2	1	TTh	C&P	103	Koppius
S5	Meas. in Mech. & Heat., Lab. }						
S102a	Electricity and Magnetism	3	1	MWF	C&P	105	Koppius
S223a	Gen. Phys. for Graduate Students Only						
				By Appt.			Warburton
				By Appt.			Koppius
POLITICAL SCIENCE							
Requirements for a Major. Prerequisites: Political Science 15 and Political Science 51. Required: Political Science 155a, 155b, or 159a and 159b, and 190a and 190b. A minimum of 15 credits of advanced work in Political Science.							
Requirements in the Field of Concentration: Forty credits in Field of Social Science, including the major work.							
*51	American National Government	3	2	D	A	203	Jones
80	State Government	3	4	D	A	304	Trimble
The following courses not open to lower division students:							
155a	Comparative Government	3	4	D	A	203	Jones
154	County Government	3	3	D	A	203	Manning
158	Public Utilities	3	1	D	A	203	Manning
164	International Relations	3	2	D	A	304	Trimble
PSYCHOLOGY							
Requirements for a Major. Prerequisites: Psychology 2a and 2b, or Psychology 10 or the equivalent. Required: Fifteen additional credits earned after the Sophomore year and elected among other courses in Psychology. Twenty-five other credits in Psychology or in allied fields of either the Biological or the Social Sciences. These courses are to be coordinated toward definite objectives with the approval of the Department.							
1	Elementary Psychology	3	1	D	NH	306	White
5	Psychology of Advertising and Selling	3	2	D	NH	304	Miner
7	Psychology of the Child	3	3	D	NH	306	Asher
The following courses not open to lower division students:							
111	Mental Measurements	3	2	D	NH	300	Asher
114	Abnormal Psychology	3	3	D	NH	300	White
120a	Independent Work	2		By Appt.	NH	202	White

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
PSYCHOLOGY—Cont.							
215	Measurement of Human Relationships (for graduates only)	3		By Appt.	NH	302	Asher
221	Student Personnel (for graduates only)	3	3	D	NH	205	Miner
ROMANCE LANGUAGES							

Requirements for a Major. Prerequisites: Romance Languages 1a-b, 2a-b, 5a-b. **Required:** A minimum of 15 credits of advanced work in Romance Languages.

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

*S1a	Elementary French	2	2	D	S		Server
*S1b	Elementary French (Continued)	2	3	D	S		Horsfield
S2a	Intermediate French	2	3	D	S		Horsfield
S2b	Intermediate French (Continued)	2	3	D	S		Horsfield
*S5b	Elementary Spanish (Continued)	2	3	D	S		Server
S7a	Intermediate Spanish	2	3	D	S		Server
S7b	Intermediate Spanish (Continued)	2	3	D	S		Server
S6a	French Novel and Drama	2	2	D	S		Horsfield
The following courses not open to lower division students:							
S109a	French Literature of XIX Cent.	2	2	D	S		Horsfield
S110a	French Literature of XVII Cent.	2	4	D	S		Horsfield
S104a	Spanish Literature of XVII Century	2	4	D	S		Server
S112a	Spanish Literature of XIX Century	2	4	D	S		Server
S114a	Independent Work	2	2 or 4	D in Fr. D in Sp.	S		Horsfield and Server
b, c, d		4					

SOCIOLOGY

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

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

*1a	Principles of Sociology	3	1	D	FH	106	Best
103	Criminology—open only to students of junior rank or above	3	2	D	FH	106	Best

ZOOLOGY

Requirements for a Major. Prerequisites: Zoology 1a and 1b. **Required:** Zoology 106, 7a, 7b, 108a, 108b, 114a, 114b.

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

*Open to Freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ZOOLOGY—Cont.							
*1a ₁	General Zoology, Rec.	4	{ 3	D	S	103	Taylor
*1a ₂	General Zoology, Lab.						
*3a	General Entomology	3	{ 3	D	S	108	Allen
The following courses not open to lower division students:							
102	Ornithology	3	1, 2	D	Mus. Field	1	Allen
106 ₁	Embryology, Rec.	4	{ 1	D	S	108	Brauer
106 ₂	Embryology, Lab.						
160	Ontogeny	2	4	D	S	108	Brauer

*Open to Freshmen.

COLLEGE OF AGRICULTURE

AGRICULT'L ENTOMOLOGY								
102	Adv. Agr. Entomology, Lec... } Adv. Agr. Entomology, Lab... }	3	7:00-7:50	D	AE	201	W. A. Price	
				By Appt.				
AGRONOMY								
105	Advanced Crops	3	1, 2	D	Agr.	304	Fergus	
			(June 29 to July 15)					
109	Advanced Soil Management	3	1, 2	D	Agr.	301	Karraker	
			(June 12 to Jun. 28)					
ANIMAL INDUSTRY								
107	Sheep Production	3	5	D	Agr.	303	Horlacher	
119	Genetics	3	4	D	Agr.	301	Anderson	
120	Systems of Live Stock Production	3	3	D	Agr.	303	Horlacher	
FARM ECONOMICS								
S113	Farm Management	2	7:00-7:50	D	Agr.	303	Nicholls	
MARKETS AND RURAL FINANCE								
111	Agricultural Prices	3	2	D	Agr.	303	Card	
HOME ECONOMICS								
4	Dietetics, Lec.	4	7:00-7:50	D	Agr.	205	Grundmeier	
	Dietetics, Lab.							
6a	Foods	3	1, 2	D	Agr.	103	Barkley	
7	Food Sources and Costs	3	4	D	Agr.	205	Barkley	
16	Elementary Nutrition	3	9:50-11:05	D	Agr.	205	Grundmeier	
29	Costume Design	3	3, 4	D	Agr.	202	Wade	

**FIRST TERM
COLLEGE OF AGRICULTURE—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
112	Public School Nutrition, Lec. }	3	By Appt.	D	Agr.	205	Staff
112	Public School Nutrition, Lab. }						
119a	Experimental Cookery	3	By Appt.	D	Agr.	103	Staff
117	Interior Decoration	3	5, 6	D	Agr.	202	Wade

COLLEGE OF ENGINEERING

CIVIL ENGINEERING							
74	Structural Design	1.3	15 hrs. By	Appt.	MH		Jett
DRAWING							
1a	Mechanical Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
1b	Mechanical Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
4a	Advanced Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
4b	Advanced Drawing	2	18 hrs. By	Appt.	C&P	207	Horine
ELECTRICAL ENGINEERING							
1	Elements of Electrical Eng.	3	4	D	MH	202	Freeman
3	Alternating Currents	3	2	D	MH	202	Freeman
2	D. C. Dynamos	2	4	D	MH	209	Bureau
6	Elec. Equip. Problems	1.3	12 hrs. By	Appt.	MH	104	Bureau
7	Dynamos Design	2	22 hrs. By	Appt.	MH	104	Bureau
9a	Electrical Lab.	1	5, 6	MWF	MH	108	Wilkins
9b	Electrical Lab.	1	5, 6	MWF	MH	108	Wilkins
8	Transformer Design	0.7	8 hrs. By	Appt.	MH	104	Bureau
ENGINEERING MECHANICS							
1	Mechanics of Materials	5	1, 2	D	MH	201	Johnson
6	Analytical Mechanics	5	3, 4	D	MH	201	Johnson
7	Machine Design	2.3	18 hrs. By	Appt.	MH		Jett
MECHANICAL ENGINEERING							
6	Steam Engine Design	1.3	12 hrs. By	Appt.	MH	104	Jett
13	Prin. of Engin. Thermo.....	2	2	D	MH	209	Porter
PRACTICAL MECHANICS							
†7a	Wood Shop	2.7	24 hrs. By	Appt.	NS		Dicker and others
†7b	Wood Shop	2.7	24 hrs. By	Appt.	NS		Dicker and others
†8a	Forge, Machine & Auto Shops..	2	18 hrs. By	Appt.	NS		Thurman and others
†8b	Forge, Machine & Auto Shops..	2	18 hrs. By	Appt.	NS		Thurman and others
†9	Sheet Metal Work	2	18 hrs. By	Appt.	NS		Thurman

†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 LAW**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
First Year							
106a	*Common Law Pleading	2	1	D	LB		Randall
170	Legal Ethics	2	4	D	LB		Murray
Second and Third Years							
173	Federal Procedure	2	3	D	LB		Randall
149	Municipal Corporations	2	1	D	LB		Evans
122	Property III	2	2	D	LB		Murray

*The completion of 106a and 106b (second term) in the summer session will be regarded as fulfilling the graduation requirements in Pleading.

COLLEGE OF EDUCATION

ADMINISTRATION								
The following courses not open to freshmen and sophomores:								
101	School Organization	3	1	D	TS	222	Chamberlain	
The following courses open only to graduate students:								
S204b	The Adm. of Higher Education	2	3	D	A	6	McVey	
207	School Bldgs. and Equipment	3	4	D	TS	224	Chamberlain	
210	Special Problems in Sch. Adm.	3		By Appt.	TS	232	Chamberlain	
213	State and County Sch. Adm.	3	2	D	FH	105	Holloway	
225b	The Supervision of Instruction	3	3	D	A	205	Hill	
232	High School Administration	3	1	D	TS	224	Ligon	
290a	The Registrar's Field of Adm.	2		By Appt.	A	112	Gillis	
290b	Continuation of 290a	2		By Appt.	A	112	Gillis	
291	Problems in the Registrar's Field of Administration	3		By Appt.	A	112	Gillis	
The following courses open only to second and third year graduate students:								
301a, b	Research Prob. in Ed. Adm.	3		By Appt.	TS	114	Holloway	
302	Spec. Problems in Ed. Finance	3		By Appt.	TS	114	Holloway	
304	Spec. Problems in Sch. Superv.	3		By Appt.	TS	232	Chamberlain	
307	Spec. Problems in H. S. Adm.	3		By Appt.	TS	115	Ligon	
308	Spec. Problems in Elem. Sch. Adm.	3		By Appt.	TS	232	Chamberlain	
309	Spec. Problems in Rur. Sch. Adm.	3		By Appt.	TS	114	Holloway	
321a, b	Spec. Problems in Higher Educ.	3		By Appt.	TS	128	Taylor	
AGRICULTURAL EDUCATION								
The following courses not open to freshmen and sophomores:								
179	Determining Content in Voc. Agr. (Offered first 2½ wks.)	3		By Appt.	D	TS	226	Hammonds

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
	The following courses open only to graduate students:						
211	Administration of Voc. Educ.....	3	4	D	A	205	Woods
280	Method in Teaching Voc. Agr. (Offered second 2½ weeks)...	3	By Appt.	D	TS	219	Hammonds
281	Teaching Prevocational Agric....	3	3	D	TS	224	Woods
289	Research in Agric. Education...	3	By Appt.	D	TS	220	Woods
184	Community Studies and Their Application	2	4	D	NH	306	Hammonds
	COMMERCIAL EDUCATION						
159	The Commercial Curric.	3	2	D	WH	205	Lawrence
208	Problems in Commercial Edu...	3	4	D	WH	205	Lawrence
	EDUCAT'NAL PSYCHOLOGY						
S16	Educational Psychology	2	1	D	TS	131	Ross
	The following courses not open to freshmen and sophomores:						
118	Tests and Measurements for Elem. Teachers	2	3	D	A	6	Ross
122a	Tests and Meas. for Sec. Teach.	2	3	D	FH	105	Crawford
	The following course open only to graduate students:						
S223	Statistical Methods	2	2	D	TS	231	Ross
	ELEMENTARY EDUCATION						
2	Methods of Teaching the Common Branches	3	2	D	A	6	Caldwell
6	Introduction to Practice Teach.	3	By Appt.	D	TS		Duncan and Train. Teach.
20	Industrial Arts	2	7:00-8:40	D	TS	134	Haines
S37	Teaching of English	2	4	D	TS	134	Haines
42	Teaching of Arithmetic in the Elementary School	3	4	D	TS	222	Duncan
44	Teaching Social Studies in the Primary Grades	2	3	D	TS	134	Haines
	The following courses are not open to freshmen and sophomores						
133	Directed Teaching in the Elem. School (Srs. only).....	5	8:00-12:00	D	TS		Duncan and Train. Teach.
172	Teaching of Reading in the Elementary School	3	2	D	TS	134	Duncan
	HISTORY OF EDUCATION						
S10b	Moral and Esthetic Education	2	4	D	TS	231	Noe

FIRST TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
	The following courses not open to freshmen and sophomores:						
S117b	History of Education	2	3	D	TS	231	Noe
S121	Hist. of Educ. in the U. S.....	2	2	D	TS	222	Noe
	HOME ECONOMICS EDUCATION						
	The following courses not open to freshmen and sophomores:						
165	Problems in Vocational Educa.	3	2	D	TS	104	Parker, Lee
178	Method of Teaching Home Management and Family Relations in Junior and Senior High School	2	4	D	TS	104	Parker
	The following courses open only to graduate students:						
263	Current Problems in Home Economics Education	3	1	D	TS	104	Spickard
268	Home Economics Curriculum Construc.	3	3	D	TS	104	Spickard
	PHILOSOPHY of EDUCATION						
35	Survey of Education	3	3	D	TS	131	Taylor
	The following courses open only to graduate students:						
200	Philosophy of Education	3	1	D	TS	231	Adams
222a	Thesis Course	3	4	D	TS	131	Taylor
222b	Thesis Course	3		By Appt.	TS	128	Taylor
227b	Principles of the Curriculum....	3	4	D	A	6	Caldwell
114	Educational Sociology	3	2	D	TS	131	Adams
230	Adv. Educational Sociology	3	4	D	FH	105	Hill
	SECONDARY EDUCATION						
	The following courses not open to freshmen and sophomores:						
105	Technique of Teaching	3	2	D	TS	224	Ligon
153	Directed Teaching in English..	5	By Appt.	D	TS	126	Crayton, Anderson
154	Directed Teach. in Languages	5	By Appt.	D	TS	101	West
155	Directed Teaching in the Sciences	5	By Appt.	D	TS	126	Crayton, Kemper
156	Directed Teaching in Mathematics	5	By Appt.	D	TS	126	Crayton, Mitchell
157	Directed Teaching in the Social Sciences	5	By Appt.	D	TS	126	Crayton, Peck
177a	Directed Teaching in Music.....	3	By Appt.	D	TS		Lewis
186	Visual Instruction	3	2	D	FH	Aud.	Clifton

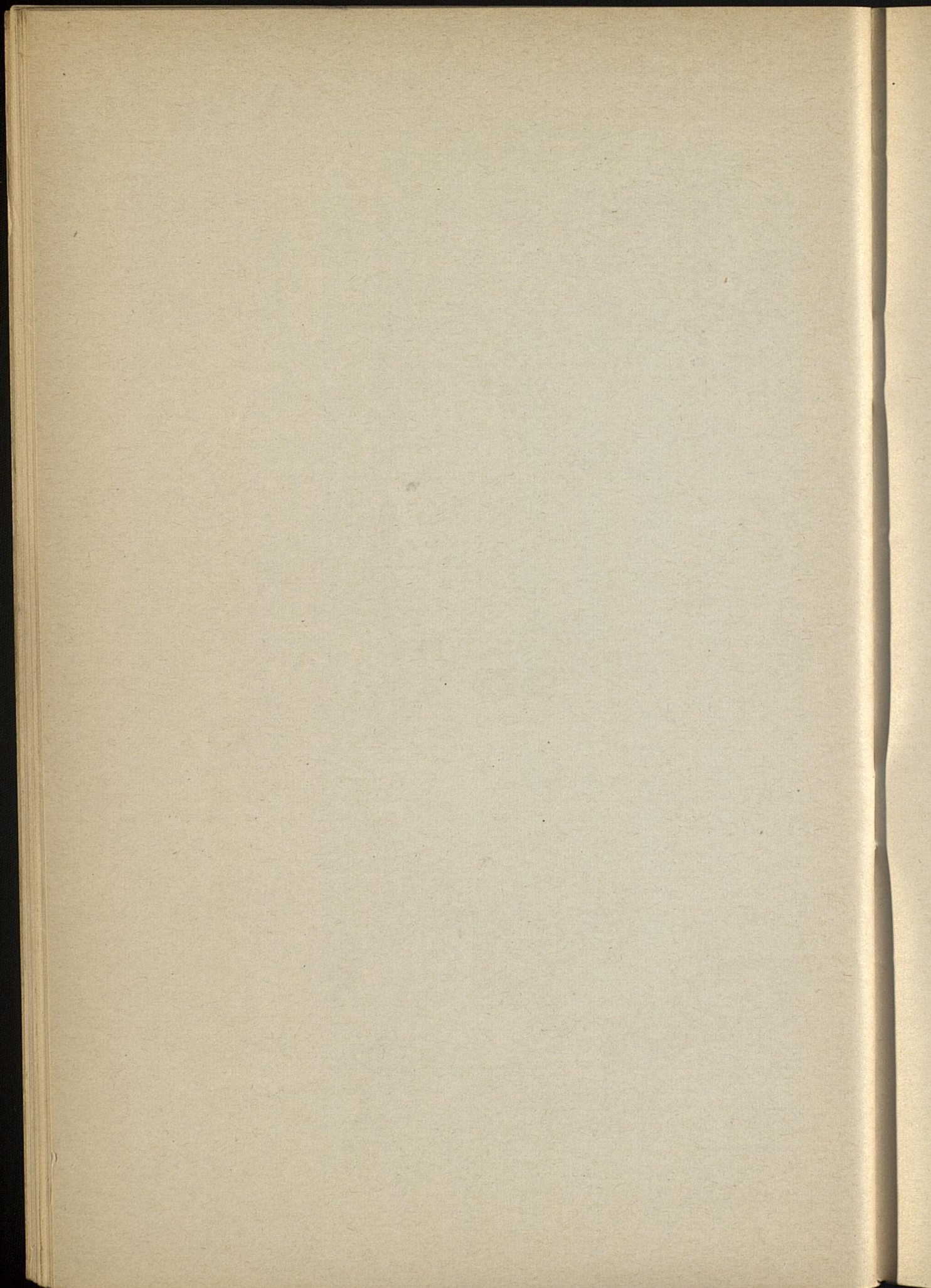
**FIRST TERM
COLLEGE OF EDUCATION—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
250	The following course open only to graduate students: The Senior High School	3	3	D	TS	222	Helloway

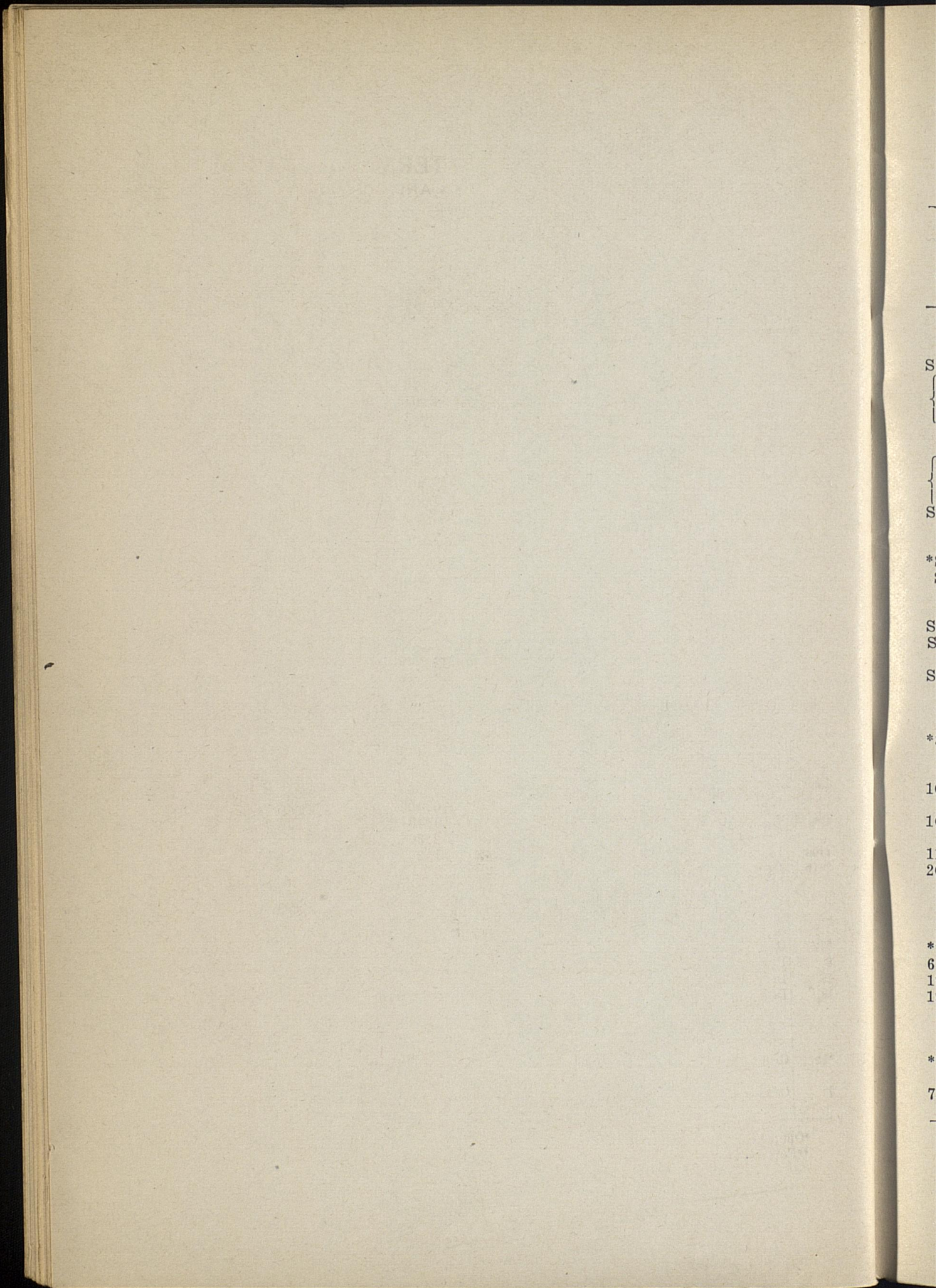
COLLEGE OF COMMERCE

1a	Principles of Economics (Not open to freshmen)	3	2	D	WH	306	Wiest
*2	Economic History of Europe	3	4	D	WH	303	Jennings
*8	Economic Geography	3	1	D	WH	303	Carter
102	Labor Problems (Prerequisite, Course 1a)	3	3	D	WH	306	Carter
104	Government Finance (Prerequisite, Course 1a)	3	2	D	WH	207	Sullivan
107	Statistical Method	3	3:00-4:15	D	WH	306	Palmer
127	International Economic Policies (Prerequisite, Course 1a)	3	3	D	WH	207	Sullivan
203	History of Economic Thought (Prerequisite, Course 1a)	3	4	D	WH	306	Wiest

*Open to Freshmen.



SECOND TERM



—
—
S
—
S
*
—
S
S
S
*
1
1
1
2
*
6
1
1
*
7
—

SECOND TERM

**COLLEGE OF ARTS AND SCIENCES

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ANATOMY and PHYSIOLOGY							
S1b	General Physiology	2	7:25-8:15	D	S	205	Sherwood
{	S2b ₁ Physiology, Physical Ed., Rec. }	2	11:15- 12:05	MWF	S	205	Sherwood
	S2b ₂ Physiology, Physical Ed., Lab. }						
	The following courses are not open to sophomores:						
{	105b ₁ Human Osteology, Lec., Rec. }	3	11:15- 12:05	TThS	S	205	Sherwood
	105b ₂ Human Osteology, Lab. }						
S106b	Endocrinology	2	8:25-9:15	D	S	205	Sherwood
ANCIENT LANGUAGES							
*S3,S4, S5,S6	Cicero, Virgil, Livy, Horace....	2	By Appt.	D	A	303	Jones
	The following courses not open to freshmen and sophomores:						
S150a	Teachers' Course in Latin.....	2	7:25-8:15	D	A	303	Jones
S110a, b	Latin Literature (Selections)...	2	8:25-9:15	D	A	303	Jones
S122b	Greek Literature (in English)...	2	9:50-10:40	D	A	303	Jones
BACTERIOLOGY							
*8	Bacteria in Relation to Man....	2	8:25-9:15	D	KH	B14	Weaver
	The following courses not open to sophomores:						
{	106 ₁ Bacteriology of Foods, Lec... }	4	9:50- 10:40	D	KH	B14	Weaver
	106 ₂ Bacteriology of Foods, Lab... }						
110a	Laboratory Diagnosis, Lab.	3	1, 2	D	KH	Sb12	Scherago
201b	Research in Bacteriology (Graduate students only)	5	By Appt.		KH	Sb11	Scherago
BOTANY							
*7b	General Botany	3	3	D	WH	101	McInteer
6	Plant Histology	3	1, 2	D	WH	103	McFarland
19 ₁	Dendrology	2	2	D	WH	101	McInteer
19 ₂	Dendrology	2	3	D	WH	102	McFarland
CHEMISTRY							
*1b	General Inorganic Chemistry....	5	7:25-11:05	D	KH	{ 101 200 201 }	Mitchell
7	Organic Chemistry	4	7:00-9:40	D	KH	{ 209 215 }	Barkenbus

*Open to Freshmen.

**For major requirements in each department see First Term Schedule.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY—Cont.							
8	Quantitative Analysis	5	7:25-12:30	D	KH	111 113	Bedford
The following courses not open to sophomores:							
106	Advanced Organic Chemistry..	5	By Appt.	D	KH	215	Barkenbus
109	Quantitative Analysis	5	7:25-12:30	D	KH	111 115	Bedford
114	Quantitative Analysis	5	7:25-12:30	D	KH	111 115	Bedford
204a	Organic Chemistry (Graduate students only)	5	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry (Graduate students only)	5	By Appt.	D	KH	215	Barkenbus
ECONOMICS							
1b	Principles of Economics (Not open to freshmen)	3	2	D	WH	306	Sullivan
*3	Economic History of U. S.....	3	4	D	WH	303	Jennings
9	Forms of Business Organization (Prerequisite, Course 1a)	3	3	D	WH	301	Averett
The following courses are not open to lower division students:							
105	Money and Banking (Prerequisite, Course 1a)	3	4	D	WH	306	Sullivan
110	Business Cycles (Prerequisite, Course 1a)	3	3:00-4:15	D	WH	306	Palmer
ENGLISH							
*S1a	English Composition	2	7:25-8:15	D	McVH	210	Ward
*S1b	English Composition	2	8:25-9:15	D	McVH	210	Ward
S3b	History of English Literature..	2	9:50-10:40	D	McVH	210	Ward
7a	Public Speaking	3	2	D	McVH	231	Sutherland
11a	Debate and Argumentation	3	3	D	McVH	231	Sutherland
The following courses not open to sophomores:							
104	Seventeenth Century	3	3	D	McVH	206	Galloway
107	Victorian Poetry	3	3	D	McVH	204	Brady
136	Victorian Prose	3	4	D	McVH	204	Brady
147	Age of Johnson	3	2	D	McVH	206	Galloway
GEOLOGY							
*S22b	Elementary Geology	2	1	D	S	203	Robinson
*S18b	Elements of Geography	2	4	D	S	203	Robinson
*14	Elementary Field Geology	1	1 p.m.-5 p.m.	W	S	203	McFarlan
S10b	Geology of Kentucky	2	2	D	S	203	McFarlan
16b	Mineral Resources (Metals)	2	3	D	S	203	Robinson

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
GERMAN LANGUAGE AND LITERATURE							
*1a	Elementary German	3	2	D	A	204	Melcher
*1b	Elementary German	3	2	D	A	204	Melcher
*2a	Intermediate German	3	3	D	A	204	Melcher
*2b	Intermediate German	3	3	D	A	204	Melcher
3a	Selected Readings	3	By Appt.	D	A	204	Melcher
3b	Selected Readings	3	By Appt.	D	A	204	Melcher
4a	Adv. Reading and Composition	3	By Appt.	D	A	204	Melcher
6	Scientific German	3	By Appt.	D	A	204	Melcher
The following courses not open to lower division students:							
101a	Nineteenth Century Literature	3	By Appt.	D	A	204	Melcher
101b	Nineteenth Century Literature	3	By Appt.	D	A	204	Melcher
HISTORY							
*S2b	History of British People.....	2	8:25-9:15	D	FH	301	Hall
*S4b	Introduction to Modern Europe	2	7:00-7:45	D	FH	301	Hall
*S5b	U. S. Since 1865	2	8:25-9:15	D	FH	204	Clark
40	History of Kentucky	2	11:15-12:00	D	FH	204	Clark
The following course not open to lower division students:							
160	Civil War in Kentucky	2	9:50-10:35	D	FH	204	Clark
The following course open only to graduate students:							
S231	British Empire	2	11:15-12:00	D	FH	301	Hall
HYGIENE AND PUBLIC HEALTH							
*9	Personal & Community Health	2	2	D	A	6	Heinz
The following course not open to lower division students:							
100b	Public Health	3	3	D	A	6	Heinz
JOURNALISM							
The following courses not open to lower division students:							
S102	Community Journalism (Small town newspaper)	2	2	D	McVH	54	Portmann
S108	History of Amer. Journalism....	2	3	D	McVH	54	Portmann
LIBRARY SCIENCE							
129	Cataloging and Classification....	3	2	D	UL	314	
132	Library Work with Children ..	2	4	D	UL	314	
Ed. 173	Teaching Literature to Children (Accepted for this Session as Children's Literature)	3	3	D	TS	222	Duncan

*Open to Freshmen.

†Open to Health Officers only.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
MATHEMATICS							
*S5	College Algebra	4	8:25-10:15	D	McVH	103	Cohen
S7b	Integral Calculus	2	7:00-7:50	D	McVH	106	Latimer
	Advanced Course to be Chosen	2	8:25-9:50	D	McVH	106	Latimer
	The following courses open to graduate students only:						
S207a	Theory of Numbers	2	9:50-10:40	D	McVH	106	Latimer
S208	Theory of Functions of a Real Variable	2	7:00-7:50	D	McVH	103	Cohen
MUSIC							
*19b	History and Appreciation of Music	2	4	D	AC	7	Lampert
4a	Public School Music	2	1	D	AC	7	Lewis
26	High School Music	2	2	D	AC	7	Lewis
S15b to 18b	Applied Music (for B. S. in Music)	1		By Appt.	AC		By arrangement
S36a to b	Applied Music (Violin) for A. B.	1		By Appt.	AC		Lampert
S25b	Elementary Harmony	2	2	D	AC	8	Lampert
PHYSICS							
*1b	Gen. Elem. Phys., Lec.	5	1	D	C&P	200	Ramsay
*1b	Gen. Elem. Phys., Rec.						
*1b	Gen. Elem. Phys., Lab.						
*S51b	Introduction to Physics, Lec.	2	1	D	C&P	200	Ramsay
3b	Gen. Coll. Phys., Lec. & Rec.	4	3	D	C&P	200	Pardue
3b	Gen. Coll. Phys., Lec. & Rec.						
S6	Meas. in Elec. and Mag., Lec.	2	1	TTh	C&P	3	Pardue
S6	Meas. in Elec. and Mag., Lab.						
S6	Meas. in Elec. and Mag., Lab.	2	2	D	C&P	3	Pardue
S223b	Gen. Physics for Graduate Students Only						
				By Appt.			Pardue
POLITICAL SCIENCE							
*15	Problems of Citizenship	3	1	D	A	203	Vandenbosch
52	Municipal Government	3	4	D	A	203	Cole
	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	2	D	A	203	Cole
PSYCHOLOGY							
1	Elementary Psychology	3	1	D	NH	306	Asher
3	Individual Development	3	3	D	NH	300	Asher

*Open to Freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
The following courses not open to lower division students:							
104	Social Psychology	3	2	D	NH	300	White
113	Psychology of Learning	3		By Appt.	NH	202	White
109a	Diagnosis of Development	2		By Appt.	NH	302	Asher
203a	Problems in Psychology (For graduate students only)	2		By Appt.	NH	202	White
150	Travel Course in Psychology.....						
150	European Methods in Genetic Psychology	3					} Staff of the University of Vienna under the direction of Henry Beaumont.
155	European Methods in Adult Psychology	3					
ROMANCE LANGUAGES							
*S1b	Elementary French (Con.)	2	3	D	S		Holmes
S2a	Intermediate French	2	3	D	S		Holmes
S2b	Intermediate French (Con.).....	2	3	D	S		Holmes
*S5b	Elementary Spanish (Con.).....	2	2	D	S		Holmes
S7a	Intermediate Spanish	2	2	D	S		Holmes
S7b	Intermediate Spanish (Con.).....	2	2	D	S		Holmes
The following courses not open to lower division students:							
S110b	French Literature of XVII Cent.	2	4	D	S		Holmes
S114a, b, c, d	Independent Work	2		By Appt.			Holmes
SOCIOLOGY							
10	Child Welfare	3	1	D	FH	105	Montgomery
108	Community Surveys (Open only to students of junior rank or above)	3	2	D	FH	105	Montgomery
ZOOLOGY							
*1b ₁	General Zoology, Rec.	4	3	D	S	103	Brauer
*1b ₂	General Zoology, Lab.						
*S11	Nature Study	3	1, 2	D	S	108	Allen
The following course not open to lower division students:							
110	Independent Work	2		By Appt.	S	105, 5	Allen, Brauer

*Open to Freshmen.

COLLEGE OF AGRICULTURE

ANIMAL INDUSTRY							
106	Pork Production	3	3	D	D	212	Wilford
S124	Dairy Cattle Breeds	3	1	D	D	212	Ely

**SECOND TERM
COLLEGE OF AGRICULTURE—Continued.**

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
HOME ECONOMICS							
115	Child Care and Training	3	1	D	Agr.	205	Deephouse
201	Adv. Home Management and Family Relationships	3	3	D	Agr.	205	Deephouse

COLLEGE OF ENGINEERING

CIVIL ENGINEERING							
21	Hydraulics	2	4	D	MH	201	Johnson
ELECTRICAL ENGINEERING							
2	D. C. Dynamos	2	3	D	MH	202	Bureau
7	Dynamo Design	2.3	22 hrs. By	Appt.	MH	104	Bureau
3	Alternating Currents	3	4	D	MH	202	Freeman
9b	Electrical Lab.	1	5, 6	MWF	MH	108	Barnett
ENGINEERING MECHANICS							
6	Analytical Mechanics	5	2, 3	D	MH	201	Johnson
MECHANICAL ENGINEERING							
8	Steam Laboratory	2	5, 6, 7	TTh	MH	112	Porter

COLLEGE OF LAW

First Year							
106b	*Code Pleading	2	1	D	LB		Evans
148	Domestic Relations	2	4	D	LB		Roberts
Second and Third Year							
152	Oil and Gas	2	1	D	LB		Moreland
142	Industrial Relations (Workmen's Compensation, Labor Law)	2	3	D	LB		Moreland
147	Quasi-Contracts	2	2	D	LB		Roberts

*The completion of 106a and 106b in the summer session will be regarded as fulfilling the graduation requirements in Pleading.

COLLEGE OF EDUCATION

ADMINISTRATION							
101	School Organization	3	2	D	TS	134	Chamberlain
The following courses open only to graduate students:							
202	City School Administration	3	3	D	TS	231	Chamberlain

SECOND TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
ADMINISTRATION—Cont.							
203	Constitutional and Legal Basis of Public Education	3	1	D	TS	101	Ligon
210	Special Problems in Sch. Adm.	3		By Appt.	TS	232	Chamberlain
321a, b	Special Prob. in Higher Educ.	3		By Appt.	TS	128	Taylor
225a	The Supervision of Instr.	3	3	D	TS	207	Hill
231	Financing Pub. Educ.	3	4	D	TS	207	Hill
AGRICULTUR'L EDUCATION							
The following courses open only to graduate students:							
287b	Selecting Teaching Materials (Offered first 2½ weeks)	3		By Appt.	D	TS 226	Woods
287d	Directing Farm Practice (Offered first 2½ weeks)	3		By Appt.	D	TS 219	Hammonds
287c	Evening Schools (Offered second 2½ weeks)	3		By Appt.	D	TS 226	Woods
289	Research in Agric. Educ.	3		By Appt.	D	TS 219	Hammonds and Woods
COMMERCIAL EDUCATION							
158	Methods of Teaching Commercial Subjects	3	2	D	WH	205	Lawrence
192	Methods and Materials in Junior Business	3	3	D	WH	205	Lawrence
EDUCATION'L PSYCHOLOGY							
S16	Educational Psychology	2	1	D	TS	224	Ross
The following courses not open to freshmen and sophomores:							
S119	Foundations of Elementary Education	2	4	D	TS	222	Ross
122b	Tests and Meas. for Sec. Teach.	2	3	D	TS	107	Ross
S152	Problems in Educational Psychology	2	2	D	TS	224	Ross
ELEMENTARY EDUCATION							
2	Methods of Teaching the Common Branches	3	4	D	TS	131	Haines
20	Industrial Arts	2	7:00-8:40	D	TS	134	Haines
40	Teaching Social Studies in the Intermediate Grades	2	3	D	TS	224	Haines
42	Teaching Arithmetic in the Elem. School	3	2	D	TS	107	Duncan
173	Teach. Literature to Children.	3	3	D	TS	222	Duncan
HISTORY OF EDUCATION							
S10a	Moral and Esthetic Educa.	2	4	D	TS	101	Noe
The following courses not open to freshmen and sophomores:							
S117a	History of Education	2	2	D	TS	101	Noe
S219	Great Educators and Their Works	2	3	D	TS	101	Noe

SECOND TERM
COLLEGE OF EDUCATION—Continued.

Course No.	SUBJECT	Credit	Hour	Days	Bldg.	Room No.	Instructor
HOME ECONOMICS EDUCATION							
Any of these courses will be given on two and one-half weeks basis (student taking only one course at a time) if enough students desire them.							
164	Method of Teaching Child Guidance	3	By Appt.	D	TS	104	Parker
165	Problems in Vocational Educa.	3	By Appt.	D	TS	104	Parker
178	Method of Teaching Home Management	2	By Appt.	D	TS	104	Parker
The following courses open only to graduate students:							
263	Current Problems in Home Econ. Education	3	By Appt.	D	TS	104	Parker
266	Seminar in Home Economics Educ.	3	By Appt.	D	TS	104	Parker
268	Home Economics Curriculum Construction	3	By Appt.	D	TS	104	Parker
PHILOSOPHY of EDUCATION							
35	Survey of Education	3	2	D	TS	222	Taylor
The following courses open only to graduate students:							
205	Review of Educational Liter.	3	1	D	TS	231	Adams
222a	Thesis Course	3	3	D	TS	131	Taylor
227a	Principles of the Curriculum....	2	2	D	TS	131	Adams
SECONDARY EDUCATION							
47	Teaching Music in High School	2	2	D	AC	7	Lewis
The following courses not open to freshmen and sophomores:							
105	Technique of Teaching	3	2	D	TS	231	Ligon
The following course open only to graduate students:							

COLLEGE OF COMMERCE

1b	Principles of Economics	3	2	D	WH	306	Sullivan
*3	Economic History of U. S.....	3	4	D	WH	303	Jennings
9	Forms of Business Organization (Prereq., Course 1a).....	3	3	D	WH	301	Averett
105	Money and Banking (Prerequisite, Course 1a)	3	4	D	WH	306	Sullivan
108	Insurance (Prerequisite, Course 1a)	3	2	D	WH	301	Averett
110	Business Cycles (Prerequisite, Course 1a)	3	3:00-4:15	D	WH	306	Palmer

*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

F. Paul Anderson, M. E., Dean
W. E. Freeman, A. B., E. E., Assistant 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

Theodore Tolman Jones, Ph. D., Acting Dean

SUMMER SESSION

Jesse E. Adams, Ph. D., Director

DEPARTMENT OF UNIVERSITY EXTENSION

Louis Clifton, M. A., Acting Director

1870

THE UNIVERSITY OF CHICAGO
LIBRARY

1870

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

1870

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY