

Frank L. Wiley

Bulletin of the

UNIVERSITY OF KENTUCKY



SUMMER SESSION, 1936

First Term: June 15 to July 18

Second Term: July 20 to August 22

Published by the University of Kentucky, Lexington.

Issued Monthly.

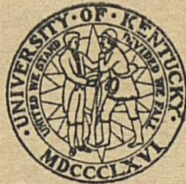
Entered as Second-Class Matter at the Post Office, Lexington, Kentucky, under the Act of July 16, 1894. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized June 30, 1920.

Vol. 28

MARCH

No. 3

BULLETIN
OF THE
University of Kentucky



SUMMER SESSION 1936

First Term: June 15 to July 18

Second Term: July 20 to August 22

UNIVERSITY ELEMENTARY SCHOOL

June 12 to July 17

UNIVERSITY HIGH SCHOOL

June 8 to July 24

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EXTRA-CURRICULAR EVENTS FOR THE 1936 SUMMER SESSION

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

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

FIRST TERM

JUNE

| | |
|-------------------------------|---|
| Thursday 18, 10:00 a. m. | Convocation in Memorial Hall President Frank L. McVey, speaker |
| Thursday 18, 7:15 p. m. | Band Concert in Amphitheatre |
| Friday 19, 7:30 p. m. | Faculty Reception for students |
| Wednesday 24, 4:00-6:00 p. m. | Tea at Maxwell Place President and Mrs. McVey, hosts |
| Thursday 25, 7:15 p. m. | Band Concert in Amphitheatre |
| Saturday 27, 9:00-12:00 p. m. | Summer School Party in Patterson Hall |
| Tuesday 30, 4:00 p. m. | All-University Picnic for faculty and students |

JULY

| | |
|-------------------------------|--|
| Wednesday 1, 11:15 a. m. | Convocation in Memorial Hall Coffer-Miller Players |
| Wednesday 1, 4:00-6:00 p. m. | Tea at Maxwell Place President and Mrs. McVey, hosts |
| Thursday 2, 7:15 p. m. | Band Concert in Amphitheatre |
| Wednesday 8, 9:00 a. m. | Convocation in Memorial Hall Governor A. B. Chandler, speaker |
| Wednesday 8, 4:00-6:00 p. m. | Tea at Maxwell Place President and Mrs. McVey, hosts |
| Wednesday 8, 2:30 p. m. | Blue Grass Tour |
| Thursday 9, 7:15 p. m. | Band Concert in Amphitheatre |
| Tuesday 14, 7:30 p. m. | Concert in Memorial Hall Professor Carl Lampert, Director |
| Wednesday 15, 4:00-6:00 p. m. | Tea at Maxwell Place President and Mrs. McVey, hosts |
| Friday 17, 7:15 p. m. | Band Concert in Amphitheatre |

SECOND TERM

JULY

| | |
|-------------------------------|---|
| Wednesday 22, 4:00-6:00 p. m. | Tea at Maxwell Place President and Mrs. McVey, hosts |
| Thursday 23, 7:30 p. m. | Faculty Reception for students |
| Friday 24, 9:50 a. m. | Convocation in Memorial Hall |

Friday 24, 7:30 p. m.

Little Symphony Concert in
Memorial Hall,
Professor Carl Lampert, Director

Thursday 30, 7:30 p. m.

Little Symphony. Concert in
Memorial Hall,
Professor Carl Lampert, Director

AUGUST

Saturday 1, 9:00-12:00 p. m.

Summer School Party in Patterson
Hall

Wednesday 5, 7:30 p. m.

Little Symphony Concert in
Memorial Hall,
Professor Carl Lampert, Director

Thursday 6, 11:00 a. m.

Convocation in Memorial Hall,
Chamber Opera Company
Chamber Opera Company,
Memorial Hall

Thursday 6, 8:00 p. m.

Thursday 13, 7:30 p. m.

Little Symphony Concert in
Memorial Hall,
Professor Carl Lampert, Director

Friday 14, 8:25 a. m.

Convocation in Memorial Hall
Herman Ivarson, Norwegian Bass-
Baritone

Wednesday 19, 6:00 p. m.

Commencement Dinner, University
Commons

Thursday 20, 4:30 p. m.

Reception for graduates

Friday 21, 4:00 p. m.

Commencement, Memorial Hall

SUMMER SESSION CALENDAR

| | | |
|----------|-----------|--|
| Monday | June 15 | Registration for first term. |
| Tuesday | June 16 | Classes begin. |
| Friday | June 19 | Last date for making changes in registration or in schedule without payment of fee. |
| Monday | June 22 | Last date upon which a student may register for credit for the first term's work. |
| Monday | June 22 | Last date upon which a student may be dropped without a grade. |
| Friday | June 26 | Faculty meeting in McVey Hall, Room 111. |
| Saturday | July 4 | Last date upon which a student may withdraw and receive a refund on matriculation fee for the first term. |
| Saturday | July 4 | Holiday. |
| Saturday | July 18 | Examinations for the first term. |
| Monday | July 20 | Registration for second term. |
| Tuesday | July 21 | Classes begin. |
| Friday | July 24 | Last date for making changes in registration or in schedule without payment of fee. |
| Friday | July 24 | Last date for making application for a degree. |
| Monday | July 27 | Last date upon which a student may register for credit for the second term's work. |
| Monday | July 27 | Last date upon which a student may be dropped without a grade. |
| Friday | July 31 | Faculty meeting in McVey Hall, Room 111. |
| Saturday | August 8 | Last date upon which a student may withdraw and receive a refund on matriculation fee for the second term. |
| Friday | August 21 | Commencement. |
| Saturday | August 22 | 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.
JAMES HIRAM GRAHAM, C. E., Dean, College of Engineering.
FRANK MURRAY, S. J. D., Acting Dean, College of Law.
WILLIAM S. TAYLOR, Ph. D., Dean, College of Education.
EDWARD WIEST, Ph. D., Dean, College of Commerce.
WILLIAM DELBERT FUNKHOUSE, Ph. D., Dean, Graduate School.
LOUIS CLIFTON, M. A., Director of University Extension.
THEODORE TOLMAN JONES, Ph. D., Dean of Men.
SARAH BENNETT HOLMES, A. B., Dean of Women in the Summer Session.
EZRA L. GILLIS, A. B., Registrar.
DAVID HOWARD PEAK, M. A., Business Agent.
MARGARET ISADORE KING, A. B., Librarian.

FACULTY

- ADAMS, ESTELLE, M. A.
Second Grade Teacher, University Elementary School
- ADAMS, JESSE EARL, Ph. D.
Professor of Philosophy of Education; Director of the Summer Session
- ALLEN, CHARLES FORREST, A. M.
Lecturer in Education; Supervisor of Secondary Education, Little Rock Public Schools, Little Rock, Arkansas
- ALLEN, RICHARD SWEETNAM, M. S.
Associate Professor of Anatomy and Physiology; Head of the Department
- ALLEN, WILLIAM RAY, Ph. D.
Professor of Zoology
- ANDERSON, GRACE, M. A.
Teacher of English, University High School
- ANDERSON, WALTER SEWELL, M. A.
Professor of Genetics
- ARKLE, THOMAS MCKEE
Instructor in Wood Shop
- ASHER, ESTON JACKSON, M. A.
Assistant Professor of Psychology
- BARKENBUS, CHARLES, Ph. D.
Professor of Chemistry
- BARKLEY, MARIE RODES, M. A.
Instructor in Home Economics
- BARNETT, BRINKLEY, B. M. E.
Assistant Professor of Electrical Engineering
- BECKLEY, FRANK MILWARD
Instructor in Machine Shop
- BEDFORD, MATTHEW HUME, Ph. D.
Professor of Chemistry
- BEST, HARRY, Ph. D.
Professor of Sociology, Head of the Department
- BIGGE, ADOLPH E., Ph. D.
Professor of German; Head of the Department
- BOYD, PAUL PRENTICE, Ph. D.
Dean, College of Arts and Sciences; Head of the Department of Mathematics and Astronomy; Professor of Mathematics

- BRADY, GEORGE K., Ph. D.
Associate Professor of English
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Associate Professor of Zoology
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- CARD, DANA GEORGE, M. S.
Assistant Professor of Agricultural Economics
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*Professor of Hygiene and Public Health; Head of the Department;
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Assistant Professor of Political Science
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Sixth Grade Teacher, University Elementary School
- CRAWFORD, ALBERT BYRON, Ph. D.
*Lecturer in Education; Principal, Bryan Station High School,
Lexington, Kentucky*
- CULLIS, MRS. LELA
Instructor in Applied Music (Organ)
- DANIEL, ETHELEEN, M. A.,
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- DANTZLER, LEHRE LIVINGSTON, M. A.
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Instructor in Home Economics
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Professor of Mathematics
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*Associate Professor of Elementary Education; Supervisor of Ele-
mentary Teacher Training*

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Acting Professor of Law
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Assistant in Heating and Ventilating Laboratory
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*Assistant Dean, College of Engineering; Head of the Department
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- FUNKHOUSER, WILLIAM DELBERT, Ph. D.
*Dean, Graduate School; Professor of Zoology; Professor of An-
thropology; Head of the Department of Zoology*
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Registrar of the University
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Instructor in Elementary Education
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Assistant Professor of History
- HAMMONDS, CARSIE, Ph. D.
Professor of Agricultural Education
- HANSEN, WILLIAM HOWARD, A. B., LL. B.
Assistant Professor of Physical Education
- HARRIS, REBA, M. A.
*Visiting Instructor in Hygiene and Public Health; Assistant to the
Director of Public Health Education, State Department of
Health, Louisville, Kentucky*
- HARRIS, WILLIAM JEFFERSON, M. S.
Assistant Professor of Animal Husbandry
- HAUN, ROBERT D., M. A., C. P. A.
Associate Professor of Accounting
- HAWKINS, ROBERT DAWSON, M. E.
Professor of Hydraulic Engineering
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Assistant Professor of Hygiene and Public Health

- HILL, HENRY HARRINGTON, Ph. D.
*Lecturer in Education; Superintendent of Schools, Lexington,
Kentucky*
- HOLMES, HENRY BERT, Ph. D.
Assistant Professor of Romance Languages
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- HORINE, JOHN SHERMAN, M. E.
Associate Professor of Mechanical Drawing
- HORLACHER, LEVI JACKSON, M. S.
Professor of Animal Husbandry; Assistant to the Dean
- HORSFIELD, MARGARET BENNETT, M. A.
Assistant Professor of Romance Languages
- HOWARD, GEORGE, Ph. D.
*Lecturer in Educational Administration; Professor of School
Administration, University of North Carolina, Chapel Hill,
North Carolina*
- JENNINGS, RIENZI W., M. A.
Instructor in Secretarial Practice
- JENNINGS, WALTER WILSON, Ph. D.
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neering Mechanics*
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*Dean of Men; Professor of Ancient Languages; Head of the De-
partment*
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Associate Professor of Soils
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Teacher of Science, University High School
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Assistant Professor of English
- KELLEY, JAMES BYRON, B. S.
Professor of Agricultural Engineering
- KEMPER, DURBIN COLLINS, M. A.
Teacher of Science, University High School
- KENNARD, CLIFFORD DEBOCK
Instructor in Foundry
- KETTENACKER, JOHN RALPH
Instructor in Pattern Making
- KINNEY, EDMUND J., B. S.
Professor of Farm Crops

- KIRKPATRICK, LEE, M. A.
Lecturer in Education; Superintendent of Schools, Paris, Ky.
- KNAPP, CHARLES MERRIAM, Ph. D.
Associate Professor of History
- KNIGHT, GRANT COCHRAN, M. A.
Associate Professor of English
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Professor of Physics
- KUIPER, JOHN, M. A.
Professor of Philosophy; Head of the Department
- LAMPERT, CARL ALBERT, B. M. in Music
Professor of Music; Head of the Department
- LATIMER, CLAIBORNE GREEN, Ph. D.
Professor of Mathematics
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Assistant Professor of Economics
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Instructor in Music
- LEWIS, MILDRED, B. S. in Music
Instructor in Music
- LIGON, MOSES EDWARD, M. A., LL. D.
Professor of Secondary Education
- LOVELL, ETHEL M., M. A.
*Lecturer in Education; Principal, Ahrens Trade School, Louisville,
Kentucky*
- LUNDE, ROBERT GERHARD, M. A.
Assistant Professor of History
- LUTES, L. H., M. A.
*Lecturer in Education; Superintendent of Schools, Falmouth, Ken-
tucky*
- MCBEE, JAMES GREEN
Instructor in Forge Shop
- McFARLAN, ARTHUR CRANE, Ph. D.
Professor of Geology; Head of the Department
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Professor of Botany; Head of the Department
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Associate Professor of Botany

- MCINTYRE, ROBSON DUNCAN, M. S.
Professor of Marketing and Salesmanship
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Assistant Professor of Journalism
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Associate Professor of Political Science
- MARTIN, JOSEPH HOLMES, Ph. D.
Professor of Poultry Husbandry
- MAY, AUGUSTUS NOAH, B. S.
*Professor of Industrial Education; State Supervisor of Trade and
Industrial Education*
- MEECE, LEONARD E., M. A.
Assistant, Bureau of School Service
- MINER, JAMES BURT, Ph. D.
Professor of Psychology; Head of the Department
- MITCHELL, JOHN RICHARD, A. B.
Assistant Professor of Chemistry
- MITCHELL, JOHN STAPP, M. A.
Teacher of Mathematics, University High School
- MOCK, CLIFTON O'NEAL, B. S. in M. E.
Instructor in Mechanical Drawing
- MORELAND, ROY, J. D.
Professor of Law
- MORSE, HELEN I., M. A.
Instructor in Music
- MURRAY, FRANK, S. J. D.
Professor of Law; Acting Dean of the Law College, 1935-36
- MUSTARD, H. S., M. D.
*Visiting Instructor in Hygiene and Public Health; Professor of
Public Health Administration, John Hopkins University*
- OYLER, MERTON DALE, M. S. in Agr.
*Instructor in Rural Life Studies, Assistant in Rural Life Studies,
Experiment Station*
- PALMER, EDGAR ZAVITZ, Ph. D.
Associate Professor of Economics
- PARDUE, LOUIS ARTHUR, Ph. D.
Associate Professor of Physics
- PARKER, ETHEL LEE, M. A.
Professor of Home Economics Education
- PATRICK, WELLINGTON, Ph. D.
Professor of History of Education

- PECK, ANNA BROWNING, M. A.
Teacher of Social Sciences, University High School
- PECK, JOSEPH Y.
Assistant, Johnston Solar Laboratory
- PEERSON, NELLE, M. A.
First Grade Teacher, University Elementary School
- PIGMAN, ARNOLD LEE, A. B.
Instructor in Wood Shop
- PINNEY, OLIVER H., M. D.
University Resident Physician
- PLUMMER, NIEL, M. A.
Assistant Professor of Journalism
- PORTMANN, VICTOR R., B. J.
Assistant Professor of Journalism
- PRICE, HUGH BRUCE, Ph. D.
*Professor of Agricultural Economics; Head of the Department of
Markets and Rural Finance*
- PRICE, WALTER ALLEN, M. S.
*Professor of Entomology; Head of the Department of Entomology
and Botany*
- RANDALL, FRANK HALL, S. J. D.
Professor of Law
- RANNELLS, EDWARD WARDER, B. A.
Professor of Art; Head of the Department
- REED, L. J., Ph. D.
*Visiting Instructor in Hygiene and Public Health; Professor of
Biostatistics at Johns Hopkins University*
- RICE, JOHN HUGHES
Assistant in Steam Laboratory
- RICHARDSON, JOHN SHELBY, B. S. in Music
Instructor in Applied Music (Piano)
- ROBERTS, WILLIAM LEWIS, S. J. D.
Professor of Law
- ROBINSON, LEWIS CASS, M. S.
Associate Professor of Geology
- ROSS, CLAY CAMPBELL, Ph. D.
Professor of Educational Psychology
- RUPP, ADOLPH F., M. A.
Coach of Varsity Basketball
- SAUNIER, STEPHEN THADDEUS
Instructor in Forge Shop; Assistant Superintendent of Shops
- SCHERAGO, MORRIS, D. V. M.
Professor of Bacteriology; Head of the Department

- SERVER, ALBERTA WILSON, M. A.
Assistant Professor of Romance Languages
- SHERWOOD, THOMAS C., M. A.
Assistant Professor of Anatomy and Physiology
- SHIPMAN, MARTHA, A. B.
Teacher of Social Studies; University High School
- SHIVELY, BERNIE A., M. A.
Instructor in Physical Education
- SINGER, DAVID NORTON
Instructor in Automobile Shop
- SPICKARD, RONELLA, M. S.
Associate Professor of Home Economics Education
- STEWART, OLUS JESSE, Ph. D.
Associate Professor of Chemistry
- STRICKLAND, HELEN ISABELLE, M. A.
Third Grade Teacher, University Elementary School
- SULLIVAN, RODMAN, A. M.
Assistant Professor of Economics
- SUTHERLAND, WILLIAM ROBERT, A. B.
Assistant Professor of English
- TAYLOR, WILLIAM SEPTIMUS, Ph. D.
Dean, College of Education
- THURMAN, GORDON OWEN
*Superintendent of Shops; Head of the Department of Practical
Mechanics*
- TOLMAN, WILLIAM A., M. A.
Instructor in Economics
- TRIMBLE, ERNEST G., Ph. D.
Assistant Professor of 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; Head of the Department
- WALTON, MOSS, M. A.
*Lecturer in Education; State Department of Education, Frankfort,
Kentucky*
- WARBURTON, F. W., Ph. D.
Associate Professor of Physics

- WARD, WILLIAM S., M. A.
Instructor in English
- WATKINS, ISAAC G.
Assistant, Electrical Laboratory
- WEAVER, RALPH HOLDER, Ph. D.
Associate Professor of Bacteriology
- WEBB, WILLIAM SNYDER, M. S.
Professor of Physics; Head of the Department; Professor of Archaeology; Head of the Department of Anthropology and Archaeology
- WEST, MARY LUCILE, M. A.
Teacher of Romance Languages, University High School
- WHITE, M. M., Ph. D.
Associate Professor of Psychology
- WIEST, EDWARD, Ph. D.
Dean, College of Commerce; Professor of Economics
- WILFORD, EDWARD JAMES, M. S.
Associate Professor of Animal Husbandry
- WILLIAMS, JOHN DAVIS, M. A.
Director, University High School
- WILLSON, LOUISE, M. A.
Third Grade Teacher, University Elementary School
- WOOD, LUCY GRAGG, B. S.
Librarian, University High School and University Elementary School
- WOODS, RALPH HICKS, Ph. D.
Associate Professor of Agricultural Education
- YATES, LAWRENCE, M. A.
Assistant Professor of English
- YOUNG, DAVID M., M. S.
Instructor in Geology

GENERAL INFORMATION

THE SUMMER SESSION

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

One of the most interesting phases of the summer session at the University of Kentucky is the rapid growth in the graduate field. Of the 2,759 students enrolled in the 1935 session, 39 per cent of them were graduate students.

THE BEAUTIES OF THE BLUE GRASS

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

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

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

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

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

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

THE PHYSICAL PLANT OF THE UNIVERSITY

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

MUSEUM OF ANTHROPOLOGY AND ARCHAEOLOGY

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

MUSEUM OF GEOLOGY

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

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

SOCIAL LIFE IN THE SUMMER SCHOOL

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

The extra-curricular offerings in past summers have been greatly appreciated by the students and widely attended. The extra-curricular offerings in the 1936 Summer Session will include concerts, teas, dances, plays, tours, lectures, picnics, and convocations. For information on the extra-curricular program for 1936 see the calendar of social events on page 3 of this bulletin.

UNIVERSITY COMMONS

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

PLACEMENT SERVICE

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

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

The Placement Service of the College of Education is designed particularly to assist in the placement of superintendents, principals, and teachers. Each student in attendance at the University who de-

sires a teaching position should register with the Placement Bureau, Room 115, Education Building. Superintendents and college administrators who desire capable teachers should write direct to the bureau for recommendations and credentials.

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

EX-SERVICE MEN

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

THE UNIVERSITY ELEMENTARY SCHOOL AND THE UNIVERSITY HIGH SCHOOL

The University Schools will be in session during the first summer term only. The term for the Junior and Senior High School will begin June 8 and close July 24. The term for the Elementary School will begin June 12 and close July 17. The Elementary School will be open from 8:30 to 12:00 daily, except Saturdays and Sundays.

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

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

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

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

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

1. Pupils who wish to make an additional unit of credit. By attending summer school it is quite possible for a pupil to earn enough units to enable him to be graduated from high school in less than four years. Many alert, ambitious pupils will appreciate this opportunity.

2. Pupils who wish to carry more satisfactorily the work of an advanced grade. Many pupils who have not failed, but who have barely passed, by attending summer school can assure themselves of better success in the grade to which they have been promoted.

3. Pupils who wish to make up work in which they have failed during the regular school term.

COURSES IN PUBLIC HEALTH

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

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

The department of public health offers courses leading to a degree in public health. The requirements in hours and residence work for a degree in this department are much the same as requirements for degrees in other departments of the University. For schedule see pages 43 and 44.

LENGTH OF SESSION

The Summer Session of the University of Kentucky for 1936 will be ten weeks in length, six days a week, and will be divided into two terms, the first to begin June 15 and close July 18 and the second to begin July 20 and close August 22.

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

The courses listed for each term may be found in this catalog.

COURSES

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

FOR WHOM PLANNED

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

1. Teachers in the public schools who wish additional training in their special lines of work and who desire to work toward college degrees.
2. Teachers in private and parochial schools who wish additional training in their special lines of work and who desire to work toward college degrees.
3. Supervisors of grade school work in special subjects.
4. City superintendents who desire to acquaint themselves with recent progress in education and who have special problems for solution.
5. County superintendents who desire to study the problems of the organization and administration of rural education and problems relating to the social life of the community.
6. Teachers in junior colleges who desire additional training in the particular fields in which they work and who are working toward higher degrees.
7. Normal school and college teachers who desire additional training in their chosen fields and who are working toward advanced degrees.
8. Undergraduates in agriculture, arts and sciences, commerce, education, engineering, and law who find it desirable to shorten the period of their college courses.
9. Persons desiring training for social welfare service, including playground directors.
10. Music supervisors and prospective band directors.
11. Persons desiring special courses in library science.
12. Persons who desire to fit themselves for teaching or supervision in the commercial field.
13. Public health officers.
14. Physicians and nurses who desire to become public health officers.
15. Athletic directors and coaches.

ADMISSION

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

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

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

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

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

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

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

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

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

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

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

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

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

For further information, see statement of the Graduate School.

By Certificate. Persons who desire to enter the University by certificate instead of by examination must have their credits certified by the superintendent or principal of the school in which they may be secured. Blank forms for such certificates will be furnished by the

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

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

DESIGNATION OF COURSES

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

STUDENT LOAD

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

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

REDUCED RAILROAD RATES

The railroads of the Trunk Line, Central, New England, Southeastern, Southwestern, Trans-Continental and Western Passenger Associations have granted railroad rates of one and one-third fares for round-trip tickets for the Summer Session of 1936. The reduced-fare tickets will be available for purchase by members of the staff, professors, teachers, and students of the summer school conducted by the University of Kentucky, including also dependent members of their families, on surrender of CERTIFICATES OF IDENTIFICATION to railroad ticket agent at point of origin. Please write to the Director of the Summer Session for proper identification blanks before you come to the summer session.

FEEES

Tuition Fee. The tuition fee for each college, with the exception of the College of Law, is \$22.75 a term where a load of more than

3 hours is carried. Students registering for 3 hours or less will be charged \$5.00 per credit-hour, with a minimum registration fee of \$10.00. In the College of Law the fee is \$27.50.

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

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

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

REFUNDS

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

LATE REGISTRATION

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

MARKING SYSTEM

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

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

The *standing* of a student is defined as the ratio of his total number of points to his total number of credits. For example, a student who makes an average mark of C thruout his course of 120 semester hours, would have 120 points and 120 credits, and a standing of *one*. An average mark of B would give the student 240 points and 120

credits and a standing of *two*. When a semester's work is to be considered a "standing" is understood to be the ratio of the number of points gained to the number of credits scheduled.

ROOM AND BOARD

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

Rooms in the women's residence halls range in price from \$11.75 per person in a double room to \$14.00 for a single room. Bed linen is included in this price but students should bring their own blankets, towels and dresser scarfs. Room assignments will be made in order of application. No room is held for the first term after 7 p. m., June 15, or later than July 20 for the second term, unless special arrangements are made with the Dean of Women. All women students are required to stay in the women's halls unless special permission is obtained from the Dean of Women.

Rooms for men in Breckinridge and Bradley Halls cost \$10 a term for each person in a room; rooms in Kinkead Hall cost \$12.50 a term for each person in a room. Bed linen is included. Reservations not claimed by June 15 and July 20, the opening dates for the first and second terms, will not be held unless arrangements are made with the Dean of Men.

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

Rooms and Board in Lexington. A list of desirable rooms and boarding places in the city is kept in the office of the Dean of Women and the Dean of Men. Good double rooms range in price for the term from \$10.00 up; single rooms from \$12.50 up. Men who have not made reservations should apply, upon arriving in Lexington, at the office of the Dean of Men, for information relative to available rooms.

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

REQUIREMENTS FOR GRADUATION

RESIDENCE REQUIREMENTS FOR GRADUATION

Two semesters of work at the University of Kentucky will satisfy the residence requirements for the bachelor's or the master's degree. Three summer terms are considered equivalent to one semester. For the bachelor's degree thirty semester credits must be completed in the senior year with at least one semester of the work done in the college from which the student is to be graduated. For the master's degree, at least twenty-four credits must be completed, in addition to the thesis.

GENERAL REQUIREMENTS FOR A DEGREE

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

1. NUMBER OF CREDITS.

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

2. REQUIREMENTS FOR GRADUATION.

| | | |
|-----------------------------|--------|---|
| A. B. and B. S. | *127 | Semester hours |
| B. S. in Agriculture | *139.3 | Semester hours |
| B. S. in Home Economics | *133.7 | Semester hours |
| A. B. or B. S. in Education | *127 | Semester hours |
| B. S. in Commerce | *127 | Semester hours |
| LL. B. | 80 | Semester hours (60 A.&S. credits required for admission.) |
| B. S. in Engineering | *157 | Semester hours |

3. CLASSIFICATION AS A REGULAR STUDENT.

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

4. FINANCIAL DELINQUENTS.

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

* With equal numbers of quality points.

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

5. GROUP REQUIREMENTS.

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

6. RESIDENCE REQUIREMENTS.

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

7. EXTENSION WORK.

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

8. APPLICATION FOR A DEGREE.

Students who expect to complete their work for a degree during the first term should make formal application in the Office of the Registrar during the first week of the term. Candidates for degrees entering the second term must file application not later than Friday, July 24. No applications for graduation in August will be received after this date. The student is responsible for making application for the correct degree. That is, if a student is working for the degree, Bachelor of Arts in Education, he should apply for this degree and not make application for the degree, Bachelor of Arts granted in the College of Arts and Sciences. If, for any reason, a student does not receive the degree at the time indicated on the application, it will be necessary for him to file another application, as the University is not responsible for carrying over applications from one session to another.

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

COLLEGE OF ARTS AND SCIENCES

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

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

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

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

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

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

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

Outline of Requirements for Graduation—Lower Division

GENERAL REQUIREMENTS

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

*12, if only 3 units entrance.

GROUP REQUIREMENTS. Freshman and Sophomore years.

1. Foreign Languages, 6 to 18 credits. (6 in 1 language if 3 or more units entrance; 12 if only 2 units entrance; 18 if only 1 or no unit entrance.)
French, German, Greek, Italian, Latin, or Spanish.
2. Social Studies, 6 to 12 credits. (6 in one department if 1 unit entrance in history; 12 including 6 credits in history, if no entrance in history.)
Economics, History, Political Science, or Sociology.
3. Mathematics, Philosophy, or Psychology, 6 credits in one department.
4. Physical Science, 6 to 10 credits in one department.
Astronomy, Chemistry, Geology or Physics.
5. Biological Science, 6 to 8 credits in one department.
Bacteriology, Botany, Physiology, or Zoology.

Upper Division—Junior and Senior Years

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

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

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

TUTORIAL WORK AND COMPREHENSIVE EXAMINATIONS. Students ma-

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

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

COLLEGE OF AGRICULTURE

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

These credits are classified as follows:

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

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

Prior to the senior year all candidates for the degree in agriculture must satisfy the Dean that they have had at least one year's work on the farm or work for two summer vacations of three months each. Upon recommendation of the department in which a student is majoring, the Dean may permit work in the field of the student's major interest to be substituted for farm experience.

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

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

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

These credits are classified as follows:

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

COLLEGE OF ENGINEERING

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

Admission. For admission to the freshman class in the College of Engineering, applicants should present one and one-half units in Algebra, one-half unit in Solid Geometry, and one unit in Physics, other requirements being the same as specified for admission to the freshman class in general. Applicants meeting all of the general requirements, but deficient in Algebra, Solid Geometry or Physics, will be admitted to the freshman class, but will be required to take extra courses designed to remove the deficiencies. It is desirable, but not obligatory, that applicants also have high school credit in Chemistry and Trigonometry.

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

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

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

COLLEGE OF LAW

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

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

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

COLLEGE OF EDUCATION

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

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 | 12 | credits |
| Science | 12 | credits |
| Social Science | 12 | credits |
| Mathematics | 6 | credits |
| or | | |
| Foreign Language | 6-12 | credits |
| Psychology | 3 | credits |
| Hygiene for Teachers | 2 | credits |
| Physical Education | 1.4 | credits |
| Military Science (Men) | 5.6 | credits |
| Total | 54 to 60 | 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* |

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

| | | |
|---------------------------------|-----------|----------------|
| Survey of Education | 3 | credits |
| Educational Psychology | 3 | credits |
| Tests and Measurements | 3 | credits |
| School Organization | 3 | credits |
| Directed Teaching | 6 | credits |
| Total | 21 | credits |
| 4. FREE ELECTIVES | 22 to 28 | credits |
| 5. TOTAL CREDITS REQUIRED | 127 | |

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

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

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

SUGGESTED CURRICULUM FOR TRAINING ELEMENTARY TEACHERS

FRESHMAN YEAR

| First Semester | Crs. | Second Semester | Crs. |
|----------------------------------|-------------|-----------------------------------|-------------|
| Eng. 1a—English Composition..... | 3 | Eng. 1b—English Composition..... | 3 |
| Hist. 5a—History of U. S. | 3 | Hist. 5b—History of U. S. | 3 |
| P. S. 15—Problems of Citizn..... | 3 | Psychology 1—Elementary Psy. | 3 |
| Hygiene 9—Hygiene | 2 | Art 10—Public School Art | 2 |
| Music 4a—Music in Prim. Grs.... | 2 | Music 4b—Music in Int. Grs.... | 2 |
| P. E. 1a—Physical Educ..... | .7 | P. E. 1b—Physical Educ..... | .7 |
| Ed. 35—Introduction to Educ.... | 3 | Ed. 42—Teaching of Arith. | 3 |
| | <u>16.7</u> | | <u>16.7</u> |

SOPHOMORE YEAR

| First Semester | Crs. | Second Semester | Crs. |
|-----------------------------------|-----------|----------------------------------|-----------|
| Eng. 3a—Survey of Eng. Lit..... | 3 | Eng. 3b—Survey of Eng. Lit. | 3 |
| Geol. 24a—Elements of Geog..... | 3 | Geol. 24b—Elements of Geog..... | 3 |
| Psych. 7—Child Psychology | 3 | P. E. 14—Plays and Games | 1 |
| Ed. 20—Ind. Arts in Ele. Sch..... | 2 | Ed. 173—Children's Lit. | 3 |
| Ed. 44—Fund. of Elem. Ed. | 5 | *Ed. 6—Introduc. to Prac. | 3 |
| | <u>16</u> | Teach. | 3 |
| | | Science | 3 |
| | | | <u>16</u> |

JUNIOR YEAR

| First Semester | Crs. | Second Semester | Crs. |
|-------------------------------------|-----------|-------------------------------------|-----------|
| Hist. 4a—Hist. Mod. Europe..... | 3 | Hist. 4b—Hist. Mod. Europe..... | 3 |
| Ec. 15—Economic Problems | 3 | Soc. 1b—Prin. of Sociol. | 3 |
| H. E. 16—Elementary Nutrition | 3 | Zool. 11—Nature Study of Biol. | 3 |
| Hist. 40—History of Ky. | 2 | Hyg. 110—Health Educ. | 3 |
| Ed. 172—Teaching of Reading.... | 3 | Electives | 4 |
| Electives | 2 | | |
| | <u>16</u> | | <u>16</u> |

* This course is omitted by students who do not plan to teach until completion of four-year course.

SENIOR YEAR

| First Semester | Crs. | Second Semester | Crs. |
|-------------------------------|------|-------------------------------|------|
| Ed. 118—Tests and Meas. for | | Science (Ed. 196 may be taken | |
| Elem. Teach | 2 | for this requirement) | 3 |
| *Ed. 133—Directed Teaching in | | Zool. 108b—Heredity | 2 |
| Elem. Grades | 10 | Art | 2 |
| Electives | 4 | Electives | 9 |
| | 16 | | 16 |

Kindergarten majors omit Ed. 42 and Music 4b and add

Ed. 174—Pre-School Theory and Management

Ed. 176—Pre-School Organization and Teaching

Students who expect to receive the provisional elementary certificate at the end of the sophomore year must omit either Music 4b, Geology 24b or History 5b and take instead two or three additional units of science to meet the state requirements for a certificate.

A total of twelve semester hours of science must be completed before graduation to satisfy the requirements for the standard elementary certificate.

COLLEGE OF COMMERCE

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

THE GRADUATE SCHOOL

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

Admission to the Graduate School. (See general admission requirements page 22). College graduates who desire to confine their work to undergraduate courses and who do not expect to become candidates for higher degrees should not register in the Graduate School, but with the Dean of the College in which their courses are listed.

*The student may take only 6 cr. in addition to Ed. 133 and these classes must come either at the first hour or late afternoon. Students having Ed. 6 take Ed. R133-5 credits.

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

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

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

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

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

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

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

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

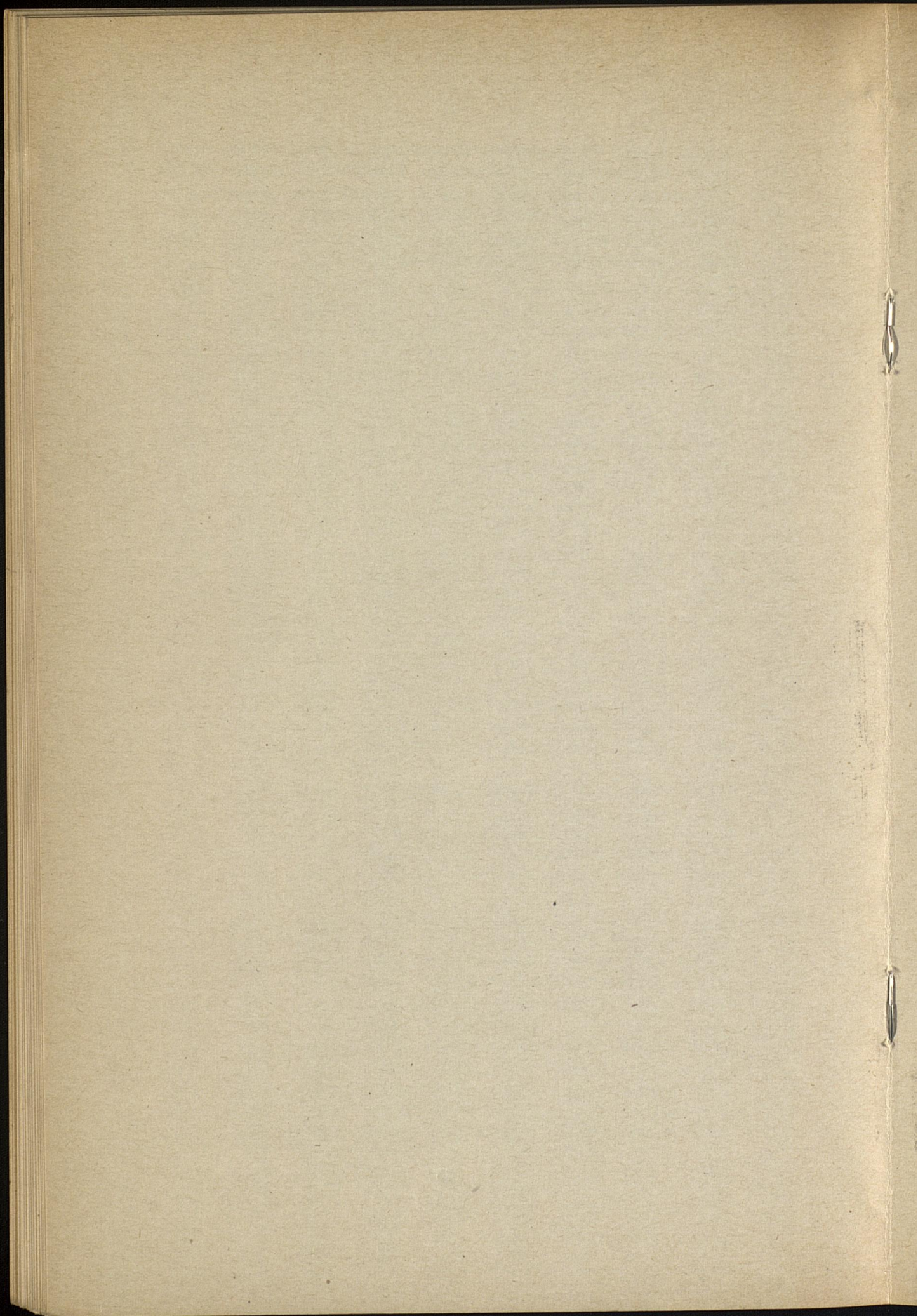
The Doctor's degree is intended to represent not a specified amount of work covering a specified time, but the attainments through long study, of independent and comprehensive scholarship in a special field. Such scholarship should be shown by the candidate's thorough acquaintance with present knowledge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

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

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

in amount, nor the completion of advanced courses, however numerous, can be substituted for independent thinking and original research.

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



FIRST TERM

SCHEDULE OF LECTURES AND RECITATIONS

EXPLANATIONS AND ABBREVIATIONS

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

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

RECITATION HOUR

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

NOON HOUR

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

Only courses marked with an asterisk are open to freshmen.

Only courses with numbers below 100 are open to sophomores.

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

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

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

FIRST TERM

COLLEGE OF ARTS AND SCIENCES

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|-----------|------|-------|----------|------------|
| ANATOMY AND PHYSIOLOGY | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Anatomy and Physiology 1a, 1b, or 2a, 2b; Chemistry 1a, 1b; Zoology 1a, 1b; Physics, one year. Required: Anatomy and Physiology 105a, 105b, 116a, 116b, and 7 additional credits of advanced work in Anatomy and Physiology with comprehensive examination.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.</p> | | | | | | | |
| 1a | General Physiology | 3 | 1 | D | S | 205 | Allen |
| The following courses not open to lower division students: | | | | | | | |
| 106 | Introduction to Endocrinology (designed for teachers) | 3 | 2 | D | S | 205 | Allen |
| 108b ₁ | Adv. Physiology, Lec. Rec..... | 4 | 4 | D | S | 205 | Allen |
| 108b ₂ | Advanced Physiology, Lab..... | { | 5, 6 | MWF | RL | 200 | Allen |
| ANCIENT LANGUAGES | | | | | | | |
| <p>Requirements for a Major. Prerequisites: First two years of college Latin. Required: A minimum of 15 credits of Ancient Languages.</p> <p>Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work.</p> | | | | | | | |
| *S3, S4 S5, S6 | Cicero, Virgil, Livy, Horace..... | 2 | By Appt. | D | A | 303 | Jones |
| The following courses not open to freshmen and sophomores: | | | | | | | |
| S150a | Teachers' Course in Latin (based on first year work) .. | 2 | 1 | D | A | 303 | Jones |
| S109a, b | Latin Literature (selections) .. | 2 | 2 | D | A | 303 | Jones |
| S120 | Survey of Greek Civilization (in English) | 2 | 3 | D | A | 303 | Jones |
| ANTHROPOLOGY AND ARCHAEOLOGY | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| 102 | Kentucky Archaeology | 2 | 4 | D | C&P | 103 | Webb |
| 105 | Ethnology | 2 | 3 | D | Mus. | 1 | Funkhouser |
| ART | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Junior standing; 61a, 61b, 63a, 63b, 62a, 62b. Required: 65a or 55a, 55b, 35, 36, 37, or 38. A minimum of 18 credits in Upper Division. (Advanced Design may be substituted for Painting.)</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work.</p> | | | | | | | |
| *10 | Public School Art | 2 | 4 | D | AC | | Haines |
| *S1a | Drawing and Painting | 2 | 1:30-4:30 | D | AC | | Rannells |
| *S1b | Drawing and Painting | 2 | 1:30-4:30 | D | AC | | Rannells |
| S3a | Adv. Drawing and Painting..... | 2 | 1:30-4:30 | D | AC | | Rannells |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|-----------|-------|-------|----------|------------|
| ART—Continued. | | | | | | | |
| S3b | Adv. Drawing and Painting..... | 2 | 1:30-4:30 | D | AC | | Rannells |
| The following course not open to lower division students: | | | | | | | |
| 140 | Survey of Arts | 3 | 4 | D | AC | 18 | Rannells |
| BACTERIOLOGY | | | | | | | |
| Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52, or 102. Required: Two credits in Seminar, plus an additional 13 credit-hours of advanced work in Bacteriology, including Bacteriology 125. | | | | | | | |
| Requirements in Field of Concentration: Forty credits in the Biological Sciences Field, including the major work. | | | | | | | |
| Medical Technology Course. A four-year course leading to the degree B. S. in Medical Technology is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories and to fit the especially adapted student for either commercial or research laboratory work in bacteriology. It also meets all the requirements of the United States Civil Service Commission for the rank of Junior Bacteriologist (30 credits in Bacteriology). | | | | | | | |
| The University of Kentucky is registered as an approved school for laboratory technicians by the Board of Registry of the American Society of Clinical Pathologists. 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 entrances to all Class A medical schools, provided they take two years of foreign language. | | | | | | | |
| { 52 ₁ | Prins. of Bacteriology, Lec... } | 4 | { 1 | D | KH | B13 | Scherago |
| { 52 ₂ | Prins. of Bacteriology, Lab... } | | { 2 | D | | | |
| The following courses not open to lower division students: | | | | | | | |
| { 103 ₁ | Pathogenic Bacteriology, Lec. } | 4 | { 2 | D | KH | B13 | Scherago |
| { 103 ₂ | Pathogenic Bacteriology, Lab. } | | { 3 | D | | | |
| { 107 ₁ | Bacteriology of Water and Sewage, Lec. } | 4 | { 3 | D | KH | B14 | Weaver |
| { 107 ₂ | Bacteriology of Water and Sewage, Lab. } | | { 4 | D | | | |
| The following course open to graduate students only: | | | | | | | |
| { 203a ₁ | Public Health Bacteriol., Lec. } | 3 | { 4 | D | KH | Sb12 | Scherago |
| { 203a ₂ | Public Health Bacteriol., Lab. } | | { 5, 6 | D | | | |
| BOTANY | | | | | | | |
| Requirements for a Major. Prerequisites: Botany 7a, 7b. Required: At least 15 hours advanced Botany, including Botany 12. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work. | | | | | | | |
| *7a | General Botany | 3 | 1 | D | WH | 102 | McInteer |
| *7b | General Botany | 3 | 2 | D | WH | 102 | McFarland |
| 15 | Local Flora | 3 | 3, 4 | D | WH | 101 | McFarland |
| The following course not open to lower division students: | | | | | | | |
| { 114 ₁ | Ecology, Lec. } | 3 | { 2 | D | WH | 101 | McInteer |
| { 114 ₂ | Ecology, Lab. } | | { By | Appt. | | | |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|------------|------|-------|--------------|-------------|
| CHEMISTRY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, 127b, and either 101 or 131a and 131b. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work. | | | | | | | |
| *1a | General Inorganic Chemistry.... | 5 | 1, 2, 3 | D | { KH | { 101 201 | { Mitchell |
| 4 | Qualitative Analysis (Prereq. Chemistry 1b.) | 4 | 1, 2, 3 | D | { KH | { 209 111 | { Stewart |
| 7 | Organic Chemistry (Prereq. Chemistry 1b.) | 4 | 1, 2 | D | { KH | { 214 215 | { Barkenbus |
| 8 | Quantitative Analysis (Prereq. Chemistry 4.) | 5 | 1, 2, 3, 4 | D | { KH | { 111 113 | { Stewart |
| The following courses not open to lower division students: | | | | | | | |
| 103 | Qualitative Organic Analysis.... (Prereq. Chemistry 127b.) | 5 | By Appt. | D | KH | 215 | Barkenbus |
| 106 | Advanced Organic Chemistry.... (Prereq. Chemistry 127b.) | 5 | By Appt. | D | KH | 215 | Barkenbus |
| 109 | Quantitative Analysis (Prereq. Chemistry 8.) | 5 | 1, 2, 3, 4 | D | { KH | { 111 113 | { Stewart |
| The following courses open to graduate students only: | | | | | | | |
| 202 | Quantitative Analysis (Research) | 5 | By Appt. | D | KH | 113 | Stewart |
| 204a | Organic Chem. (Prereq. 106).... | 5 | By Appt. | D | KH | 215 | Barkenbus |
| 204b | Organic Chem. (Prereq. 106).... | 5 | By Appt. | D | KH | 215 | Barkenbus |
| ECONOMICS | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; six credits in Economics, including Course 1. Required: A minimum of 17 credits of advanced work in Economics, including Course 9, if not taken as a prerequisite, and Courses 102 or 130, 104 or 124 and 105; remainder of credits to be selected from the Arts and Sciences list of economics courses numbered above 100. In addition, tutorial courses 16a and 16b must be taken in the senior year to prepare for the comprehensive examination. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work. | | | | | | | |
| 1 | Principles of Economics | 3 | 4 | D | WH | 306 | Carter |
| *2 | Economic History of Europe.... | 3 | 2 | D | WH | 303 | Jennings |
| 7a | { Principles of Accounting, Lec. | 4 | { 1 | D | WH | 303 | Tolman |
| | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| 104 | Public Finance (Prereq. Course 1.) | 3 | 6 | D | WH | 303 | Sullivan |
| 107 | Statistical Method (Prereq. Course 1.) | 3 | 5 | D | WH | 401 | Palmer |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|----------------|------|-------|----------|--------------------|
| ECONOMICS—Continued. | | | | | | | |
| 130 | Labor Legislation (Prereq. Course 1.) | 3 | 3 | D | WH | 306 | Carter |
| The following course open to graduate students only: | | | | | | | |
| 211 | Advanced Money and Banking... | 3 | 4 | D | WH | 205 | 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. | | | | | | | |
| *1a | English Composition | 3 | 1 | D | McVH | 210 | Yates |
| *1b | English Composition | 3 | 2 | D | McVH | 210 | Ward |
| 3a | History of English Literature... | 3 | 3 | D | McVH | 210 | Yates |
| 7a | Elements of Public Speaking.... | 3 | 1 | D | McVH | 231 | Sutherland |
| 20 | Speech Training | 3 | 3 | D | McVH | 231 | Sutherland |
| The following courses not open to sophomores: | | | | | | | |
| 111b | English Novel after Scott..... | 3 | 2 | D | McVH | 200 | Knight |
| 123a | American Literature before 1860 | 3 | 3 | D | McVH | 200 | Knight |
| 124 | The Renaissance | 3 | 3 | D | McVH | 211 | Dantzler |
| 125 | Pronunciation of Modern English | 3 | 4 | D | McVH | 211 | Dantzler |
| 155a | Contemporary English Poetry... | 3 | 3 | D | McVH | 230 | Farquhar |
| The following course open to graduate students only: | | | | | | | |
| 210a | Seminar | 3 | 4 | D | McVH | 230 | Farquhar |
| GEOLOGY | | | | | | | |
| Requirements for a Major. Prerequisites: Geology 22a, 22b. Required: Geology 15a, 15b, 9a, 9b, 19a, 19b, 101a, 101b, 106a, 106b, 109a, 109b, 117a, 117b, 118a, or 118b. Field Work: An early summer field trip. Geology 118a, or 118b, is required of major students for graduation. | | | | | | | |
| Requirements in Field of Concentration: Forty credits in the Field of Physical Science, including the major work. | | | | | | | |
| *24a | Elements of Geography | 3 | 3 | D | S | 203 | Robinson |
| *24b | Elements of Geography | 3 | 4 | D | S | 203 | Robinson |
| *14a | Elementary Field Geology | 1 | 1-5 p. m. | W | S | 203 | McFarlan |
| *14c | Elementary Field Geology | 1 | 1-5 p. m. | Th | S | 203 | Young |
| 23a | Elementary Field Work in Regional Geology (to accompany 118a) | 2 | (June 5 to 18) | | | | McFarlan and Young |
| The following courses not open to lower division students: | | | | | | | |
| 120a | Geology of Kentucky | 3 | 2 | D | S | 203 | McFarlan |
| 118a-c | Field Work in Regional Geology | 2 | (June 5 to 18) | | | | McFarlan and Young |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|----------|------|-------|----------|------------|
| GERMAN | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b, 2a, 2b. Required: German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination. | | | | | | | |
| *1a | Elementary German | 3 | 2 | D | A | 205 | Bigge |
| *1b | Elementary German | 3 | 2 | D | A | 205 | Bigge |
| 2a | Intermediate German | 3 | 3 | D | A | 205 | Bigge |
| 2b | Intermediate German | 3 | 3 | D | A | 205 | Bigge |
| 3a | Selected Readings | 3 | By Appt. | D | A | 205 | Bigge |
| 6a | Scientific German | 3 | By Appt. | D | A | 205 | Bigge |
| The following courses not open to lower division students: | | | | | | | |
| 102a | Twentieth Century German Literature | 3 | By Appt. | D | A | 205 | Bigge |
| 105a-d | Independent Work | 3 | By Appt. | D | A | 205 | Bigge |
| HISTORY | | | | | | | |
| Requirements for a Major. Prerequisites: History 2a, 2b, or 4a and 4b. Required: A minimum of 18 credits of advanced courses in History. Should include two courses in Historiography and Criticism. | | | | | | | |
| Requirements in Field of Concentration: Forty credits in the Field of Social Science, including the major work. | | | | | | | |
| *S4a | Modern Europe to the French Revolution | 2 | 1 | D | FH | 202 | Tuthill |
| *5a | History of the U. S. (to 1860) .. | 3 | 1 | D | FH | 301 | Lunde |
| *5b | History of the U. S. (since 1860) | 3 | 2 | D | FH | 301 | Lunde |
| The following courses not open to lower division students: | | | | | | | |
| S100a | Diplomacy and Foreign Policy of the U. S. to 1860 | 2 | 2 | D | FH | 204 | Clyde |
| S105 | Colonial America | 2 | 1 | D | FH | 204 | Knapp |
| S114 | Renaissance (in the South) | 2 | 2 | D | FH | 202 | Tuthill |
| S147 | Recent History of the U. S. | 2 | 4 | D | FH | 304 | Knapp |
| S170 | Era of Louis XIV | 2 | 4 | D | FH | 202 | Tuthill |
| S194 | U. S. in the Orient Since 1898 .. | 2 | 3 | D | FH | 204 | Clyde |
| The following course open only to graduate students: | | | | | | | |
| 226 | The Old South | 3 | 3 | D | FH | 304 | Knapp |
| HYGIENE AND PUBLIC HEALTH | | | | | | | |
| *1 | Personal and Community Health | 1 | 3 | D | McVH | 106 | Heinz |
| *9 | Hygiene for Teachers | 2 | 4 | D | McVH | 106 | Heinz |
| The following courses not open to sophomores: | | | | | | | |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|--|----------|------|------|-------|----------|------------|
| HYGIENE AND PUBLIC HEALTH—Cont. | | | | | | | |
| 100a | Public Health | 3 | 2 | D | McVH | 106 | Heinz |
| 110 | Health Education and Health Supervision of Schools | 3 | 1 | D | McVH | 111 | Chambers |
| 104 | Maternal and Child Health..... | 2 | 4 | D | McVH | 109 | Griffin |
| 124a | Public Health Nursing | 3 | 1 | D | McVH | 109 | |
| 124b | Public Health Nursing | 2 | 2 | D | McVH | 109 | |
| 150a ₁ | Problems in Health Education.. | 2 | 3 | D | McVH | 109 | Harris |
| 150a ₂ | Problems in Health Education.. (Second 2½ weeks.) | 3 | 1, 2 | D | McVH | 128 | Harris |
| 160 | Community Health Education.. (First 2½ weeks.) | 3 | 1, 2 | D | McVH | 128 | Harris |
| 200 | Epidemiology and Communicable Diseases | 2 | 3 | D | McVH | 111 | Mustard |
| 212 | Public Health Administration.. | 2 | 4 | D | McVH | 111 | Mustard |
| 218 | Biostatistics | 2 | 2 | D | McVH | 111 | Reed |
| JOURNALISM | | | | | | | |

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

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

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

| | | | | | | | |
|--|---|---|---|---|------|-----|-------------------|
| *S1a | Reporting | 2 | 2 | D | McVH | 50 | McLaughlin |
| *S1b | Reporting | 2 | 3 | D | McVH | 50 | McLaughlin |
| 17 | Feature Writing for Nurses..... | 2 | 3 | D | McVH | 128 | Plummer |
| The following courses not open to lower division students: | | | | | | | |
| 110 | Supervision of H. S. Publications | 3 | 4 | D | McVH | 53 | Portmann |
| 111 | Verbal Criticism | 3 | 3 | D | McVH | 54 | Grehan |
| 120a | Seminar in Public Opinion | 2 | 2 | D | McVH | 54 | Plummer and Staff |
| LIBRARY SCIENCE | | | | | | | |

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

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

| | | | | | | | |
|--|---|---|---|---|----|-----|--|
| The following courses not open to lower division students: | | | | | | | |
| 129a | Classification and Cataloging.. | 3 | 1 | D | UL | 314 | |
| 138 | Methods of Teaching Use of Library (Preq. 133a) | 2 | 3 | D | UL | 314 | |
| 144 | Library Records and Methods.. | 2 | 2 | D | UL | 314 | |
| 150a | Book Selection | 3 | 4 | D | UL | 314 | |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|------|----------|-------|----------|-------------------------------|
| LIBRARY SCIENCE—Cont. | | | | | | | |
| Ed.173 | Teaching Literature to Children (Acceptable summer 1936 as equivalent of Children's Literature) | 3 | 1 | D | E | 131 | Duncan |
| MATHEMATICS AND ASTRONOMY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; courses 1, 2, 17, 18, 19. Required: A minimum of 18 credits of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis, and one in Applications. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work. | | | | | | | |
| *S14 | Mathematics of Finance | 3 | 1 | D | McVH | 107 | Brown |
| *17 | College Algebra | 3 | 2 | D | McVH | 107 | Brown |
| *18 | Plane Trigonometry | 2 | 3 | D | McVH | 104 | LeSturgeon |
| 20a | Differential Calculus | 4 | 1, 2 | D | McVH | 129 | Boyd |
| The following courses not open to lower division students: | | | | | | | |
| 16a-d | Tutorial Work | 1 | | By Appt. | McVH | | Staff |
| S106b | Advanced Calculus | 2 | 2 | D | McVH | 104 | LeSturgeon |
| (Def. Ints., Elliptic Ints. 106a not prerequisite.) | | | | | | | |
| S113 | Fourier's Series and Spherical Harmonies | 2 | 1 | D | McVH | 104 | LeSturgeon |
| S121 | Modern Solid Geometry | 2 | 3 | D | McVH | 129 | Boyd |
| S110a-h | Independent Work in Mathematics | 2 | | By Appt. | McVH | | Staff |
| The following course open only to graduate students: | | | | | | | |
| S203 | Thesis | 2 | | By Appt. | McVH | | Staff |
| MUSIC | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Music 21a-b, 25a-b, 35a-b; Psychology 1. Required: Music 11a-b, 30a-b, 4a-b, 26; Music 19a-b; a minimum of 15 credits of advanced work in Music. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work. | | | | | | | |
| 4a ₁ | Public School Music | 2 | 4 | D | AC | 8 | M. Lewis |
| 4b | Public School Music | 2 | 3 | D | AC | 7 | M. Lewis |
| 4a ₂ | Public School Music (B. S.).... | 2 | | By Appt. | | | M. Lewis |
| *S15a to S18b | { Applied Music for B. S. in Music only (Violin, Organ, Piano) | 1 | | By Appt. | | | { Lampert, Cullis, Richardson |
| 9a | Organization and Training of Musical Groups (strings)..... | 2 | 1 | D | AC | 8 | Lampert |
| 9b | Organization and Training of Musical Groups (brasses) | 2 | 3 | D | AC | 7 | J. Lewis |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|---------|----------|--------|----------|------------|
| MUSIC—Cont. | | | | | | | |
| *S35a-h | Applied Music for A. B. (piano) | 1 | | By Appt. | AC | | Richardson |
| *S36a-h | Applied Music for A. B. (violin) | 1 | | By Appt. | | | Lampert |
| S25a | Elementary Harmony | 2 | 2 | D | AC | 8 | Lampert |
| 19a | History and Appreciation of Music | 2 | 4 | D | AC | 7 | Lampert |
| *21a | Sight Reading | 1.5 | | By Appt. | | | M. Lewis |
| *39a-d | Mixed Chorus | 1 | 5 | D | AC | 8 | Lampert |
| 14b | Organization and Training of Musical Groups (conducting and orchestration) | 2 | 3 | D | AC | 8 | Lampert |
| 28a | Concert Band | 1 | 4 p. m. | D | AC | 8 | J. Lewis |
| PHILOSOPHY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; 6 credits in Philosophy. | | | | | | | |
| Required: An additional 15 credits in Philosophy, including Philosophy 35a, 35b, and a comprehensive examination in the senior year. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work (including the major work in Philosophy) which may be elected in either (1) the Field of Literature, Philosophy, and the Arts, or (2) the Field of Social Studies. | | | | | | | |
| 51 | Ethics | 3 | 1 | D | FH | 205 | Kuiper |
| The following course not open to lower division students: | | | | | | | |
| 101a | History of Philosophy (Greek period, including Socrates, Plato and Aristotle) | 3 | 3 | D | FH | 205 | Kuiper |
| PHYSICAL EDUCATION | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Psychology 7; Anatomy and Physiology 2a, 2b. Required: Physical Education 29, 128, 124, 120. A minimum of 15 credits of advanced work in Physical Education. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work. | | | | | | | |
| *S20 | Calisthenics and Gymnastic Stunts | 3 | 4 | D | GA | | Hansen |
| 29 | Theory and Practice of Organized Play | 2 | 4 | D | E Gym. | | Shively |
| The following courses not open to lower division students: | | | | | | | |
| 128 | School Programs of Physical Education | 3 | 2 | D | FH | 205 | Hansen |
| 142 | Advanced Football | 2 | 3 | D | AG | | Shively |
| 125 | Organization and Administration of Municipal and Community Recreation | 3 | 1 | D | A | 4 | Shively |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|--------|--------------------|-------|----------|----------------|
| PHYSICS | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Junior standing; Physics 2a, 2b; Mathematics 17, 18, 19. Required: Mathematics 20a, 20b; Physics 15a, b, c; a minimum of 15 credits of advanced work in Physics; a comprehensive examination in the senior year.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work.</p> | | | | | | | |
| { *1a ₁ | Gen. Elem. Phys., Lec. | 5 | { 1 | D | C&P | 200 | Webb |
| { *1a ₂ | Gen. Elem. Phys., Rec. | | { 2 | MWF | C&P | 103 | Webb |
| { *1a ₂₁ | Gen. Elem. Phys., Lab. | | { 3 | { MTW } { ThF } | C&P | 201 | Graduate Asst. |
| *51a | Introduction to Physics, Lec. | 3 | 1 | D | C&P | 200 | Webb |
| { 2a ₁ | Gen. Col. Physics, Rec. | 5 | { 1 | D | C&P | 103 | Pardue |
| { 2a ₁₁ | Gen. Col. Physics, Lab. | | { 3, 4 | { MTW } { ThF } | C&P | 105 | Pardue |
| <p>The Department of Physics in the Summer Session is anxious to serve the need of the graduate students. For this reason the following courses are tentatively listed and others will be offered if necessary. No course will be offered, however, unless there is a sufficient demand for it.</p> | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| S104 | Theoretical Mechanics | 3 | | By Appt. | | | Pardue |
| 125a | Independent Work in Physics.. | 3 | | By Appt. | | | Pardue |
| The following courses open only to graduate students: | | | | | | | |
| 201 | Physical Optics | 3 | | By Appt. | | | Pardue |
| 217a | Theoretical Physics | 3 | | By Appt. | | | Pardue |
| POLITICAL SCIENCE | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. Required: Political Science 155a and 155b or 159a and 159b; 190a and 190b; a minimum of 15 credits of advanced work in Political Science; and a comprehensive examination in the senior year.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work.</p> | | | | | | | |
| *15 | Problems of Citizenship | 3 | 2 | D | A | 301 | Cole |
| *51 | American Government | 3 | 1 | D | A | 203 | Vandenbosch |
| The following course not open to lower division students: | | | | | | | |
| 159b | American Constitutional Development | 3 | 4 | D | A | 301 | Cole |
| The following course open to graduate students only: | | | | | | | |
| 204 | International Organization and the League of Nations | 3 | 3 | D | A | 203 | Vandenbosch |
| PSYCHOLOGY | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. Required: The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 15 of the 40 credits in the Field must be courses in Psychology not open to freshmen.</p> | | | | | | | |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| No. Course | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|------|----------|-------|----------|------------|
| PSYCHOLOGY—Cont. | | | | | | | |
| *1 | Elementary Psychology | 3 | 1 | D | NH | 306 | Asher |
| 7 | Psychology of the Child | 3 | 3 | D | NH | 306 | Asher |
| 12 | Guidance | 3 | 3 | D | NH | 300 | Miner |
| The following courses not open to lower division students: | | | | | | | |
| 107 | Psychological Interpretations (of the unusual) | 3 | 2 | D | NH | 306 | Miner |
| 104 | Social Psychology | 3 | 3 | D | NH | 304 | White |
| 113 | Psychology of Learning | 3 | | By Appt. | NH | 204 | White |
| 121 | Student Personnel | 3 | | By Appt. | NH | 200 | Miner |
| 120a-d | Independent Work in Psychology | 2 | | By Appt. | NH | 200 | Staff |
| The following courses open only to graduate students: | | | | | | | |
| 203a or b | Problems in Psychology | 2 | | By Appt. | NH | 200 | Staff |
| ROMANCE LANGUAGES | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Romance Languages 1a-b; 2a-b; 5a-b; 6a-b. A minimum of 15 credits of advanced work in Romance Languages. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the work in the major field. | | | | | | | |
| *S1a | Elementary French | 2 | 3 | D | S | 307 | Server |
| *S1b | Elementary French (cont.)..... | 2 | 3 | D | S | 307 | Server |
| *S5a | Elementary Spanish | 2 | 1 | D | S | 307 | Server |
| *S5b | Elementary Spanish (cont.)..... | 2 | 2 | D | S | 307 | Server |
| S10a | Spanish Conversation and Composition | 2 | 1 | D | S | 307 | Server |
| S2a | Intermediate French | 2 | 2 | D | S | 306 | Holmes |
| S2b | Intermediate French (cont.)..... | 2 | 2 | D | S | 306 | Holmes |
| S6a | French Novel and Drama | 2 | 4 | D | S | 306 | Holmes |
| S6b | French Novel and Drama (cont.) | 2 | 4 | D | S | 306 | Holmes |
| S7a | Intermediate Spanish | 2 | 2 | D | S | 307 | Server |
| S7b | Intermediate Spanish (cont.)..... | 2 | 2 | D | S | 307 | Server |
| The following courses not open to lower division students: | | | | | | | |
| S112a | XIX Century Spanish Literature | 2 | 2 | D | S | 307 | Server |
| S113a | Advanced French Grammar, Syntax, Composition | 2 | 3 | D | S | 307 | Server |
| S110a | XVII Century French Literature | 2 | 3 | D | S | 306 | Holmes |
| 114a, b, c, etc. | Independent Work in Romance Languages | 3 | | By Appt. | | | Staff |
| Note.—No credit for duplicating first half of high school work. If one unit is offered take 1b or 5b. No credit for 1a or 5a before 1b or 5b is passed. | | | | | | | |

* Open to freshmen.

FIRST TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|------|----------|-------|----------|----------------|
| SOCIOLOGY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Sociology 1a, 1b. Required: A minimum of 15 credits of advanced work in Sociology. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work. | | | | | | | |
| *1a | Principles of Sociology | 3 | 1 | D | FH | 106 | Best |
| | The following course not open to lower division students: | | | | | | |
| 103 | Criminology | 3 | 2 | D | FH | 106 | Best |
| ZOOLOGY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. Required: Zoology 7a, b, or 157a, b; Zoology 106; Zoology 108a, b; Zoology 114a, b; a minimum of 15 credits of work above 1a, b; passing a comprehensive examination before graduation. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major. | | | | | | | |
| { *S11 ₁ | Nature Study, Rec. | 3 | { 2 | D | S | 108 | Allen |
| *S11 ₂ | Nature Study, Field | | | | | | |
| *25 | General Animal Biology | 3 | 3 | D | S | 108 | Brauer |
| | The following courses not open to lower division students: | | | | | | |
| { 102 ₁ | Ornithology, Rec. | 3 | { 1 | D | S | 108 | Allen |
| 102 ₂ | Ornithology, Field | | | | | | |
| S106 | Embryology | 3 | 1, 2 | D | S | 5 | Brauer |
| 108a | Principles of Zoology (Evolution) | 2 | 4 | D | Mus. | 1 | Funkhouser |
| 110a-d | Independent Work | 3 | | By Appt. | S | 105 | Allen & Brauer |
| | (For Ethnology see Anthropology and Archaeology.) | | | | | | |

COLLEGE OF AGRICULTURE

| | | | | | | | |
|------------------------------|---|---|------|---|------|-----|-------------|
| AGRICULT'L ENTOMOLOGY | | | | | | | |
| 102 | Adv. Agr. Entomology, Lec... } | 3 | { 2 | D | AE | 106 | W. A. Price |
| | Adv. Agr. Entomology, Lab... } | | | | | | |
| AGRONOMY | | | | | | | |
| 105 | Advanced Crops | 3 | 1, 2 | D | Agr. | 304 | Kinney |
| | (First 2½ weeks.) | | | | | | |
| 109 | Recent Developments in Soil Management | 3 | 1, 2 | D | Agr. | 301 | Karraker |
| | (Second 2½ weeks.) | | | | | | |
| ANIMAL INDUSTRY | | | | | | | |
| 13 | Livestock Judging | 2 | 4 | D | SP | 106 | Harris |
| 21 | Market Classes and Grades..... | 2 | 3 | D | SP | 106 | Harris |

* Open to freshmen.

FIRST TERM
COLLEGE OF AGRICULTURE—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|----------------------------------|--|----------|--------|------|-------|------------------|------------|
| ANIMAL INDUSTRY—Cont. | | | | | | | |
| 107 | Sheep Production | 3 | 1 | D | Agr. | 303 | Horlacher |
| 119 | Genetics | 3 | 4 | D | Agr. | 303 | Anderson |
| 120 | Systems of Live Stock Prod..... | 3 | 3 | D | Agr. | 303 | Horlacher |
| 134 | Advanced Poultry Production..... (Second 2½ weeks.) | 3 | 1, 2 | D | D | 212 | Martin |
| FARM ECONOMICS | | | | | | | |
| 120 | Rural Community Problems..... (First 2½ weeks.) | 3 | 1, 2 | D | Agr. | 301 | Oyler |
| FARM ENGINEERING | | | | | | | |
| 101a | Special Problems | 3 | 1-4 | D | AE | 201 | Kelley |
| MARKETS AND RURAL FINANCE | | | | | | | |
| 111 | Agricultural Prices | 3 | 2 | D | Agr. | 303 | Card |
| HOME ECONOMICS | | | | | | | |
| 16 | Elem. Nutrition | 3 | 4 | D | Agr. | 205 | Grundmeier |
| 41 | Housing | 3 | 2 | D | Agr. | 202 | Deephouse |
| 29 | Costume Design | 3 | 3 | D | Agr. | 202 | |
| { 112 | Public School Nutrition | 3 | { 2, 3 | D | Agr. | 205 | Grundmeier |
| or | | | | | | | |
| { 119a | Experimental Cookery | 3 | { 2, 3 | D | Agr. | 205 } Grundmeier | |
| | | | | | | 103 } | |
| 125 | Consumer Problems | 3 | 4 | D | Agr. | 202 | Deephouse |
| 117 | Interior Decoration | 3 | 5 | D | Agr. | 202 | |

COLLEGE OF ENGINEERING

| | | | | | | | |
|-------------------------------|---|-----|------------|-------|-----|-----|----------------------|
| ELECTRICAL ENGINEERING | | | | | | | |
| 11 | Electrical Circuits | 0.7 | 5, 6 | TTh | MH | 108 | } Bureau and Barnett |
| 105 _i | D. C. Circuits and Machinery, Rec. | 4.0 | 4 | D | MH | 202 | |
| 105 _{ii} | D. C. Circuits and Machinery, Lab. | | | | | | |
| 121 | D. C. Design | 2.0 | 18 hrs. By | Appt. | MH | 202 | |
| ENGINEERING DRAWING | | | | | | | |
| S5 | Descriptive Geometry | 4.0 | 3 | D | C&P | 205 | } Horine and Mock |
| 1a | Mechanical Drawing | 2.0 | 18 hrs. By | Appt. | C&P | 207 | |
| 1b | Mechanical Drawing | 2.0 | 18 hrs. By | Appt. | C&P | 207 | |
| 12a | Engineering Drawing | 2.0 | 18 hrs. By | Appt. | C&P | 207 | |
| 12b | Kinematic Drawing | 2.0 | 18 hrs. By | Appt. | C&P | 207 | |
| 16a | Freehand Lettering | 1.3 | 12 hrs. By | Appt. | C&P | 207 | |

FIRST TERM
COLLEGE OF ENGINEERING—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|-------------------------------|---------------------------------|----------|------------|--------------------|-------|----------|--------------------------|
| ENGINEERING MECHANICS | | | | | | | |
| 11 | Analytical Mechanics | 4.0 | 1, 2 | { MTW } { ThF } | MH | 201 | Johnson |
| 15a | Machine Design | 2.0 | 18 hrs. By | Appt. | MH | 204 | Jett |
| 16 | Machine Design | 4.0 | 36 hrs. By | Appt. | MH | 204 | Jett |
| 17 | Machine Design | 4.0 | 36 hrs. By | Appt. | MH | 204 | Jett |
| MECHANICAL ENGINEERING | | | | | | | |
| 101a | Mechanical Design | 3.3 | 27 hrs. By | Appt. | MH | 204 | Jett |
| PRACTICAL MECHANICS | | | | | | | |
| 11 | Wood Shop | 1.3 | 12 hrs. By | Appt. | NS | } | Thurman and others |
| 12 | Pattern Making | 1.3 | 12 hrs. By | Appt. | NS | | |
| 14 | Machine Shop | 1.3 | 12 hrs. By | Appt. | NS | | |
| 15 | Forge Shop | 1.3 | 12 hrs. By | Appt. | NS | | |
| 16 | Elements of the Automobile..... | 1.3 | 12 hrs. By | Appt. | AS | | |

COLLEGE OF LAW

| | | | | | | | |
|------|----------------------------|---|---|----------|----|-----|----------|
| 105 | Agency | 2 | 1 | D | LB | 102 | Moreland |
| 153 | Taxation | 2 | 1 | D | LB | 103 | Roberts |
| 120a | Trial Procedure I | 2 | 2 | D | LB | 103 | Randall |
| 152 | Oil and Gas | 2 | 3 | D | LB | 103 | Moreland |
| 102a | Torts I | 2 | 4 | D | LB | 102 | Roberts |
| 172 | Problems of Research | 2 | | By Appt. | LB | 102 | Staff |

COLLEGE OF EDUCATION

| ADMINISTRATION | | | | | | | |
|--|--|---|------|----------|----|-----|----------|
| The following courses not open to freshmen and sophomores: | | | | | | | |
| 101 | School Organization | 3 | 1 | D | E | 222 | Meece |
| 148 | Advisers of Girls and Deans of Women | 3 | 2 | D | A | 204 | Holmes |
| 198 | Administration of Pupil Personnel (first 2½ weeks)... | 3 | 1, 2 | D | FH | 201 | Walton |
| The following courses open only to graduate students: | | | | | | | |
| 202 | Local School Administration... | 3 | 2 | D | FH | 105 | Hill |
| 203 | Constitutional and Legal Basis of Public School Administration | 3 | 1 | D | E | 231 | Ligon |
| 210 | Special Problems in School Administration | 3 | | By Appt. | E | 232 | Meece |
| 213 | State School Administration..... | 3 | 3 | D | E | 134 | Howard |
| 214 | The Secondary School | 3 | 1 | D | FH | 105 | Allen |
| 224a | Problems and Procedures of Critic Teaching | 3 | 4 | D | E | 222 | Williams |
| 225 | The Supervision of Instruction... | 3 | 4 | D | FH | 105 | Howard |
| 231 | Financing Public Education | 3 | 3 | D | FH | 105 | Hill |
| 290a, b | Technique and Professional Work of the Registrar | 2 | | By Appt. | A | 112 | Gillis |

**FIRST TERM
COLLEGE OF EDUCATION—Continued**

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|------|------------|-------|------------|------------------------|
| ADMINISTRATION—Cont. | | | | | | | |
| 291a-d | Problems in the Registrar's Field of Administration | 2 | | By Appt. | A | 112 | Gillis |
| The following courses open only to second and third year graduate students: | | | | | | | |
| 301a, b | Research Problems in School Administration | 3 | | By Appt. | E | 232 | Hill |
| 307a, b | Research Problems in Secondary Education | 3 | | By Appt. | E | 114 | Ligon |
| 308a, b | Research Problems in Elementary Education | 3 | | By Appt. | E | 136A | Duncan |
| 321a, b | Research Problems in Higher Education | 3 | | By Appt. | E | 128 | Meece |
| AGRICULTURAL EDUCATION | | | | | | | |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 179 | Determining Content in Vocational Agriculture (first 2½ weeks) | 3 | | By Appt. D | E | 226 | Hammonds |
| The following courses open only to graduate students: | | | | | | | |
| 287c | Evening Schools (Farm Organization) (first 2½ weeks)..... | 3 | | By Appt. D | E | 220 | Woods |
| 287b | Selecting Teaching Materials (second 2½ weeks) | 3 | | By Appt. D | E | 226 | Woods |
| 287d | Directing Farm Practice (second 2½ weeks) | 3 | | By Appt. D | E | 219 | Hammonds |
| 289 | Research in Agricultural Education | 3 | | By Appt. D | E | 219 220 | } Hammonds, } Woods |
| COMMERCIAL EDUCATION | | | | | | | |
| The following courses not open to freshmen and sophomores: | | | | | | | |
| 158b | Methods of Teaching Accounting | 2 | 4 | D | WH | 207 | Lawrence |
| 192 | Methods and Materials in Junior Business | 3 | 3 | D | WH | 207 | Lawrence |
| EDUCAT'NAL PSYCHOLOGY | | | | | | | |
| 16 | Educational Psychology | 3 | 4 | D | FH | 201 | Crawford |
| The following courses not open to freshmen and sophomores: | | | | | | | |
| 118 | Educational Tests and Measurements for Elementary Teachers | 3 | 2 | D | E | 222 | Ross |

FIRST TERM
COLLEGE OF EDUCATION—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|------------|---|----------|----------|------|-------|----------|--------------------------|
| | EDUCA. PSYCHOLOGY—Cont. | | | | | | |
| 122 | Educational Tests and Measurements for High School Teachers | 3 | 1 | D | A | 4 | Crawford |
| 147 | Foundations of Secondary Education | 3 | 3 | D | E | 222 | Ross |
| | ELEMENTARY EDUCATION | | | | | | |
| | Note.—For Public School Art and Public School Music see Art and Music Departments. | | | | | | |
| *6 | Introduction to Practice Teaching (Open to second semester sophomores) | 3 | By Appt. | D | E | 136A | Duncan and Critic Tchrs. |
| 44 | Fundamentals in Elementary Education | 5 | 2, 3 | D | E | 131 | Haines |
| | The following courses not open to freshmen and sophomores: | | | | | | |
| *S133 | Directed Teaching in the Elementary School (Seniors only) | 6 | By Appt. | D | E | 136A | Duncan and Critic Tchrs. |
| 172 | Teaching Reading in the Elementary School | 3 | 3 | D | E | 131 | Duncan |
| 173 | Teach'g Literature to Children | 3 | 1 | D | E | 131 | Duncan |
| 196 | Teaching Science in the Elementary School | 3 | 1 | D | E | 134 | Daniel |
| | The following course open only to second and third year graduate students: | | | | | | |
| 308a, b | Research Problems in Elem. Education | 3 | By Appt. | | E | 136A | Duncan |
| | HISTORY OF EDUCATION | | | | | | |
| | The following course not open to freshmen and sophomores: | | | | | | |
| 121 | History of Education in the U. S. | 3 | 3 | D | A | 4 | Patrick |
| | HOME ECONOMICS EDUCATION | | | | | | |
| | The following course not open to freshmen and sophomores: | | | | | | |
| 178 | Methods of Teaching Home Management and Family Relations in Junior and Senior High School | 3 | 2 | D | E | 104 | Parker |
| | The following courses open only to graduate students: | | | | | | |
| 263 | Current Problems in Home Economics Education | 3 | 1 | D | E | 104 | Spickard |

* Application should be made in advance in order that prerequisites may be checked. The number who can be accommodated in the course is limited.

FIRST TERM
COLLEGE OF EDUCATION—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--------------|--|----------|------|----------|------------|----------|-------------------------------|
| | HOME ECONOMICS EDUCATION—Continued. | | | | | | |
| 266a or b | Seminar in Home Economics Education | 3 | 4 | D | E | 104 | Parker |
| 268 | Home Economics Curriculum Construction | 3 | 3 | D | E | 104 | Spickard |
| | INDUSTRIAL EDUCATION | | | | | | |
| 70 | Industrial Education | 3 | 4 | D | E | 231 | May |
| | The following courses not open to freshmen and sophomores: | | | | | | |
| 170 | The General Continuation School | 3 | 5 | D | E | 231 | May |
| 123 | Vocational Guidance | 3 | | By Appt. | E | 234 | Lovell |
| | PHILOSOPHY OF EDUCATION | | | | | | |
| 35 | Introduction to Education | 3 | 4 | D | E | 131 | Meece |
| | The following course not open to freshmen and sophomores: | | | | | | |
| 114 | Educational Sociology | 3 | 2 | D | A | 4 | Patrick |
| | The following courses open only to graduate students: | | | | | | |
| 205 | Review of Educational Literature | 3 | 3 | D | E | 231 | Adams |
| 222a | Thesis Course | 3 | 2 | D | E | 134 | Taylor |
| 227a | Principles of Curriculum Making | 3 | 4 | D | A | 4 | Lutes |
| | SECONDARY EDUCATION | | | | | | |
| | The following courses not open to freshmen and sophomores: | | | | | | |
| 105 | Technique of Teaching | 3 | 2 | D | E | 231 | Ligon |
| 149 | Extra-Curricular Activities..... | 3 | 4 | D | E | 134 | Allen |
| | The following courses open only to seniors: | | | | | | |
| 153 | Directed Teaching in English.. | 6 | | By Appt. | E | 126 | Williams, Anderson |
| 154 | Directed Teaching in Languages | 6 | | By Appt. | E | 126 | Williams, West { Williams, |
| 155 | Directed Teaching in Sciences | 6 | | By Appt. | E | 126 | { Kemper, Keffer |
| 156 | Directed Teaching in Mathematics | 6 | | By Appt. | E | 126 | Williams, Mitchell |
| 157 | Directed Teaching in Social Sciences | 6 | | By Appt. | E | 126 | Williams, Peck |
| 169a | Directed Teaching in Physical Education | 3 | | By Appt. | Gym. Annex | | Hansen |
| 186 | Visual Instruction | 3 | 2 | D | FH | 302 | Clifton |

* Open to freshmen.

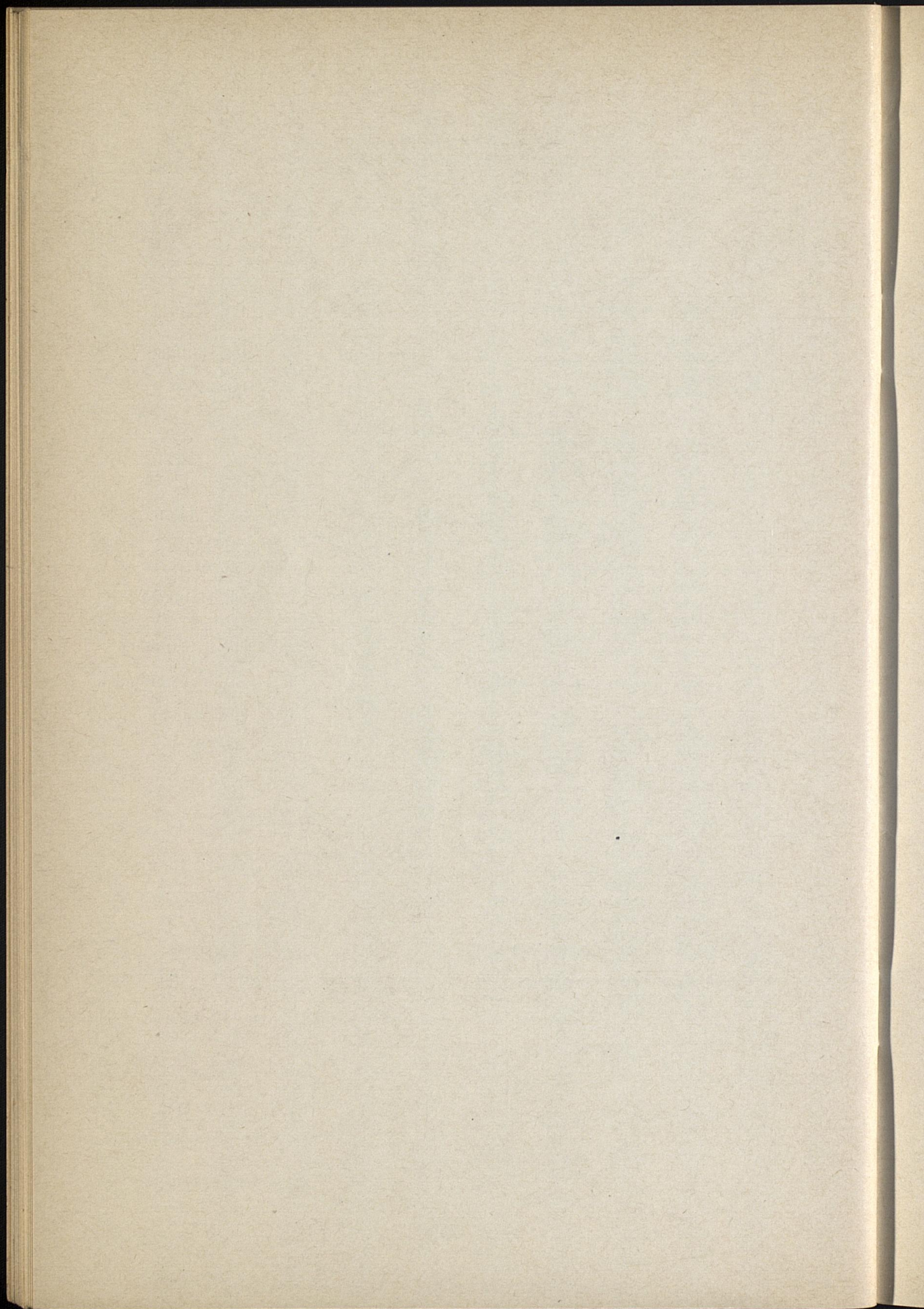
FIRST TERM
COLLEGE OF EDUCATION—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|------------|--|----------|------|----------|-------|----------|------------|
| | SECONDARY EDUCA.—Cont. | | | | | | |
| 193 | Directed Teaching in Commercial Subjects | 6 | | By Appt. | E | 126 | Williams |
| 307a, b | Research Problems in Secondary Education | 3 | | By Appt. | E | 114 | Ligon |

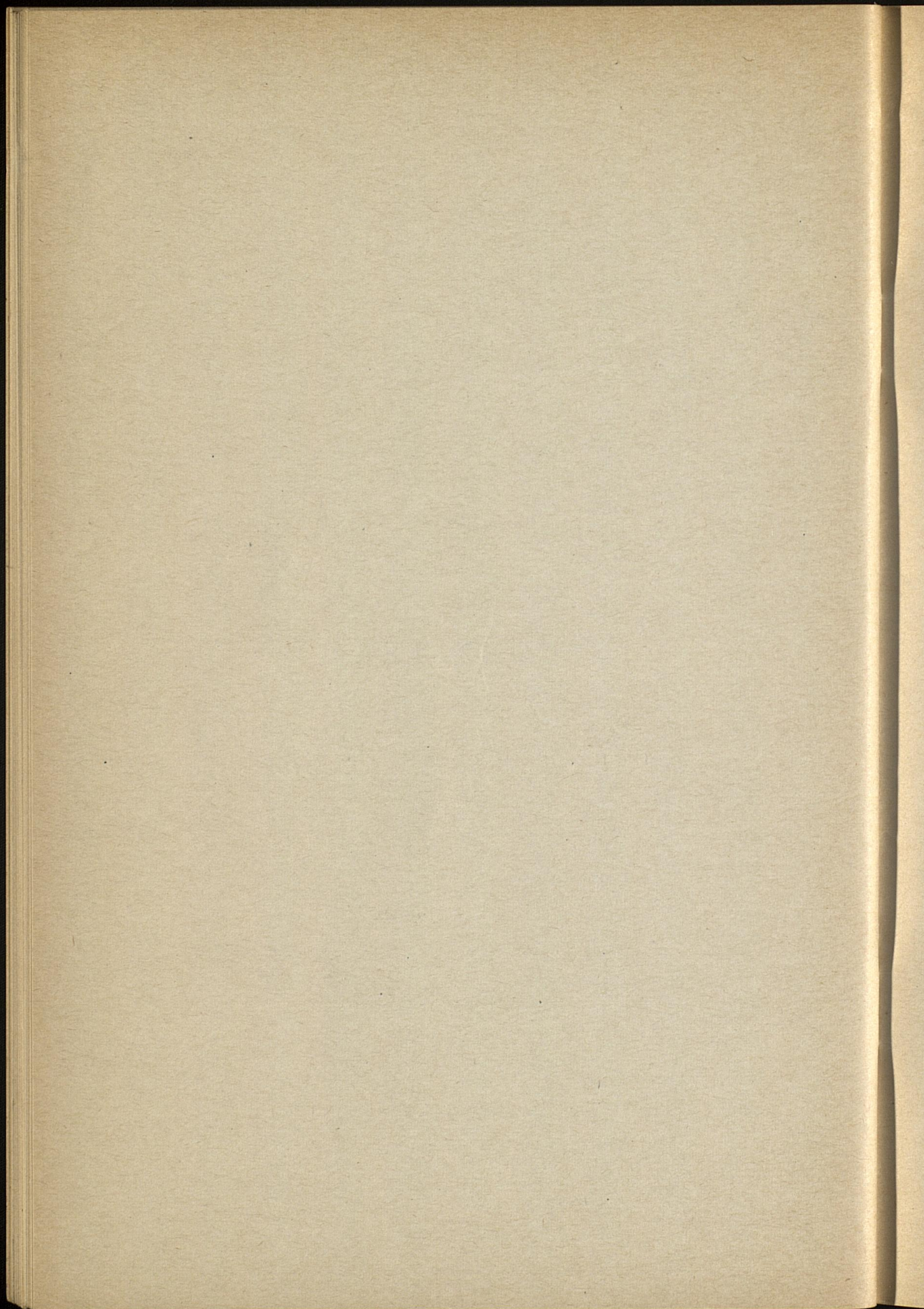
COLLEGE OF COMMERCE

| | | | | | | | |
|------|---|---|--------|------------------------|----|-----|-------------|
| 1 | Principles of Economics | 3 | 4 | D | WH | 306 | Carter |
| *2 | Economic History of Europe.... | 3 | 2 | D | WH | 303 | Jennings |
| 7a | { Principles of Accounting, Lec. | 4 | { 1 | D | WH | 303 | Tolman |
| | { Principles of Accounting, Lab. | | { 3, 4 | { MWF or By Appt. | WH | 401 | Tolman |
| 10 | Principles of Marketing | 3 | 1 | D | WH | 207 | McIntyre |
| | (Prereq. Course 1.) | | | | | | |
| 11 | Salesmanship | 2 | 3 | MTWTh | WH | 207 | McIntyre |
| | (Prereq. Course 1.) | | | | | | |
| S13a | { Secretarial Practice, Rec... } | 4 | { 1 | D | WH | 301 | R. Jennings |
| | { Secretarial Practice, Lab... } | | { 5 | { MTWTh or By Appt. | WH | 301 | R. Jennings |
| 14a | Advanced Secretarial Practice | 3 | 6 | { D or By Appt. | WH | 301 | R. Jennings |
| 104 | Public Finance | 3 | 6 | D | WH | 303 | Sullivan |
| | (Prereq. Course 1.) | | | | | | |
| 106a | Advanced Accounting | 3 | 1 | D | WH | 205 | Haun |
| | (Prereq. Courses 7a and 7b.) | | | | | | |
| 107 | Statistical Method | 3 | 5 | D | WH | 401 | Palmer |
| | (Prereq. Course 1.) | | | | | | |
| 109a | Business Law | 3 | 2 | D | WH | 306 | Haun |
| 117 | Corporation Finance | 3 | 2 | D | WH | 207 | Lawrence |
| | (Prereq. Course 1.) | | | | | | |
| 130 | Labor Legislation | 3 | 3 | D | WH | 306 | Carter |
| | (Prereq. Course 1.) | | | | | | |
| 136 | Problems in Sales Management | 3 | | By Appt. D | WH | | McIntyre |
| | (Prereq. Course 1 and consent of instructor.) | | | | | | |
| 211 | Advanced Money and Banking | 3 | 4 | D | WH | 205 | Wiest |

* Open to freshmen.



SECOND TERM



SECOND TERM

COLLEGE OF ARTS AND SCIENCES

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|----------|------|-------|----------|------------|
| ANATOMY and PHYSIOLOGY | | | | | | | |
| <p>Requirements for a Major. Prerequisites: Anatomy and Physiology 1a, 1b, or 2a, 2b; Chemistry 1a, 1b; Zoology 1a, 1b; Physics, one year. Required: Anatomy and Physiology 105a, 105b, 116a, 116b, and 7 additional credits of advanced work in Anatomy and Physiology with comprehensive examination.</p> <p>Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work.</p> | | | | | | | |
| 1b | General Physiology | 3 | 1 | D | S | 205 | Sherwood |
| The following courses not open to lower division students: | | | | | | | |
| S105 | Architecture of Human Skeleton | 3 | 4 | D | S | 205 | Sherwood |
| S107 | Advanced Anatomy | 3 | 3 | D | S | 207 | Sherwood |
| ANCIENT LANGUAGES | | | | | | | |
| <p>Requirements for a Major. Prerequisites: First two years of college Latin. Required: A minimum of 15 credits of Ancient Languages.</p> <p>Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work.</p> | | | | | | | |
| *S3, S4 | Cicero, Virgil, Livy, Horace..... | 2 | By Appt. | D | A | 303 | Jones |
| The following courses not open to freshmen and sophomores: | | | | | | | |
| S150b | Teachers' Course in Latin (based on second year work) | 2 | 1 | D | A | 303 | Jones |
| S110a, b | Latin Literature (selections).... | 2 | 2 | D | A | 303 | Jones |
| S122a | Greek Literature (in English)... | 2 | 3 | D | A | 303 | Jones |
| ANTHROPOLOGY AND ARCHAEOLOGY | | | | | | | |
| The following course not open to lower division students: | | | | | | | |
| 101 | Principles of Anthropology | 2 | 3 | D | Mus. | 1 | Funkhouser |
| BACTERIOLOGY | | | | | | | |

Requirements for a Major. Prerequisites: Chemistry 1a and 1b; Bacteriology 2b, 52, or 102. **Required:** Two credits in Seminar, plus an additional 13 credit-hours of advanced work in Bacteriology, including Bacteriology 125.

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

Medical Technology Course. A four-year course leading to the degree, B. S. in Medical Technology, is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories and to fit the especially adapted student for either commercial or research laboratory work in bacteriology. It also meets all the require-

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---------------------------------|----------|------------|------|----------|---------------|------------|
| BACTERIOLOGY—Continued. | | | | | | | |
| ments of the United States Civil Service Commission for the rank of Junior Bacteriologist (30 credits in Bacteriology). | | | | | | | |
| The University of Kentucky is registered as an approved school for laboratory technicians by the Board of Registry of the American Society of Clinical Pathologists. 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 entrances to all Class A medical schools, provided they take two years of foreign language. | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| { 102 ₁ | General Bacteriology, Lec..... | 4 | { 1 | D | KH | B13 | Scherago |
| } 102 ₂ | General Bacteriology, Lab..... | { 2 | D | KH | Sb12 | Scherago | |
| { 106 ₁ | Bacteriology of Foods, Lec.... | 4 | { 2 | D | KH | B13 | Weaver |
| } 106 ₂ | Bacteriology of Foods, Lab.... | { 3 | D | KH | Sb12 | Weaver | |
| 110a | Laboratory Diagnosis, Lab..... | 3 | 3, 4 | D | KH | Sb12 | Scherago |
| 125 | Immunology and Serology | 5 | By Appt. | D | KH | Sb12 | Scherago |
| The following course open only to graduate students: | | | | | | | |
| 201b | Research in Bacteriology | 5 | By Appt. | D | KH | Sb11 | Weaver |
| BOTANY | | | | | | | |
| Requirements for a Major. Prerequisites: Botany 7a, 7b. Required: At least 15 hours advanced Botany, including Botany 12. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Biological Sciences, including the major work. | | | | | | | |
| *7a | General Botany | 3 | 2 | D | WH | 102 | McFarland |
| *7b | General Botany | 3 | 1 | D | WH | 102 | McInteer |
| 19 ₁ | Dendrology (Trees) | 2 | 3 | D | WH | 102 | McFarland |
| 19 ₂ | Dendrology (Trees) | 2 | 4 | D | WH | 102 | McFarland |
| The following courses not open to lower division students: | | | | | | | |
| { 103 ₁ | Plant Physiology, Lec. | 4 | { 2 | D | WH | 103 | McInteer |
| } 103 ₂ | Plant Physiology, Lab. | { | By Appt. | | | | McInteer |
| CHEMISTRY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Chemistry 1a, 1b, 4, 8. Required: Chemistry 109, 127a, 127b, and either 101 or 131a and 131b. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work. | | | | | | | |
| *1b | General Inorganic Chemistry.... | 5 | 1, 2, 3 | D | { KH 101 | } Mitchell | |
| | (Prereq. Chem. 1a.) | | | | { KH 201 | | |
| | | | | | { KH 209 | | |
| 8 | Quantitative Analysis | 5 | 1, 2, 3, 4 | D | { KH 111 | } Bedford and | |
| | (Prereq. Chem. 4.) | | | | { KH 113 | | |
| 20b | Organic Chemistry | 5 | 1, 2, 3 | D | { KH 214 | } Barkenbus | |
| | (Prereq. Chem. 1b.) | | | | { KH 215 | | |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|----------|------|-------|----------|---------------------|
| CHEMISTRY—Continued. | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| 101 | Physical Chem. (Prereq. Chem. 7 and 8, Physics 1b and Math. 17.) | 5 | 1, 2, 3 | D | { KH | B14 | } Bedford |
| 103 | Qualitative Organic Analysis... (Prereq. Chem. 127b.) | 5 | By Appt. | D | } KH | B17 | { Barkenbus |
| 106 | Advanced Organic Chemistry... (Prereq. Chem. 127b.) | 5 | By Appt. | D | KH | 215 | Barkenbus |
| 109 | Quantitative Anal. (Prereq. 8) | 5 | 1, 2, | | { KH | 111 | } Bedford and |
| 111 | Physical Chem. Intermediate Course, Lab. (Prereq. Chem. 110.) | 2 | 3, 4 | D | } KH | 113 | { Assistant Bedford |
| 127b | Organic Chemistry (Prereq. Chem. 1b.) | 5 | 1, 2, 3 | D | { KH | 214 | } Barkenbus |
| The following courses open to graduate students only: | | | | | | | |
| 204a or b | Organic Chemistry (Prereq. Chem. 106.) | 5 | By Appt. | D | KH | 215 | Barkenbus |
| 206a or b | Adv. Physical Chemistry (Prereq. Chem. 205a or b.) | 3 | By Appt. | D | KH | B17 | Bedford |
| ECONOMICS | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; six credits in Economics, including Course 1. Required: A minimum of 17 credits of advanced work in Economics, including Course 9, if not taken as a prerequisite, and Courses 102 or 130, 104 or 124 and 105; remainder of credits to be selected from the Arts and Sciences list of economics courses numbered above 100. In addition, tutorial courses 16a and 16b must be taken in the senior year to prepare for the comprehensive examination. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work. | | | | | | | |
| *3 | Economic History of the U. S.... | 3 | 2 | D | WH | 303 | Jennings |
| 7b | { Principles of Accounting, Lec. | 4 | 1 | D | WH | 306 | Tolman |
| | { Principles of Accounting, Lab. | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| 103 | Transportation (Prereq. Course 1) | 3 | 3 | D | WH | 306 | Sullivan |
| 110 | Business Cycles | 3 | 5 | D | WH | 401 | Palmer |
| 115 | Contemporary Economic Thought | 3 | 4 | D | WH | 205 | Sullivan |
| ENGLISH | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; English 1a, 1b, 3a, 3b. Required: A minimum of 18 credits of advanced work in English. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work. | | | | | | | |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|-----------|------|-------|----------|------------|
| ENGLISH—Continued. | | | | | | | |
| *1a | English Composition | 3 | 6 | D | McVH | 210 | Fithian |
| *1b | English Composition | 3 | 2 | D | McVH | 210 | Ward |
| 3b | History of English Literature.. | 3 | 3 | D | McVH | 210 | Fithian |
| | The following courses not open to sophomores: | | | | | | |
| 109 | Pre-Shakespearean Drama | 3 | 3 | D | McVH | 207 | Kelley |
| 111a | English Novel before Scott | 3 | 2 | D | McVH | 206 | Gallaway |
| 130b | Comparative Literature | 3 | 2 | D | McVH | 204 | Brady |
| 147 | Age of Johnson | 3 | 3 | D | McVH | 206 | Gallaway |
| 153 | Restoration XVIII Century Drama | 3 | 2 | D | McVH | 207 | Kelley |
| | The following course open to graduate students only: | | | | | | |
| 210b | Seminar | 3 | 4 | D | McVH | 204 | Brady |
| GEOLOGY | | | | | | | |
| Requirements for a major. Prerequisites: Geology 22a, 22b. Required: Geology 15a, 15b, 9a, 9b, 19a, 19b, 101a, 101b, 106a, 106b, 109a, 109b, 117a, 117b, 118a, 118b. Field Work: An early summer field trip. Geology 118a, or 118b, is required of major students for graduation. | | | | | | | |
| Requirements in Field of Concentration: Forty credits in the Field of Physical Science, including the major work. | | | | | | | |
| *24a | Elements of Geography | 3 | 3 | D | S | 203 | Young |
| *25a | Regional Physical Geography (North America) | 3 | 4 | D | S | 203 | Young |
| *14b ₁ | Elementary Field Geology | 1 | 1-5 p. m. | W | S | 203 | McFarlan |
| *14b ₂ | Elementary Field Geology | 1 | 1-5 p. m. | Th | S | 203 | McFarlan |
| | The following course not open to lower division students: | | | | | | |
| 120b | Geology of Kentucky (no. prerequisite) | 3 | 2 | D | S | 203 | McFarlan |
| GERMAN | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; German 1a, 1b, 2a, 2b. Required: German 3a, 3b, 101a, 101b, 102a, 102b, 120a, 120b, 130a, 130b. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the major work. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination. | | | | | | | |
| *1a | Elementary German | 3 | 2 | D | A | 205 | Bigge |
| *1b | Elementary German | 3 | 2 | D | A | 205 | Bigge |
| 2a | Intermediate German | 3 | 3 | D | A | 205 | Bigge |
| 2b | Intermediate German | 3 | 3 | D | A | 205 | Bigge |
| 3b | Selected Readings | 3 | By Appt. | D | A | 205 | Bigge |
| 6b | Scientific German | 3 | By Appt. | D | A | 205 | Bigge |
| | The following courses not open to lower division students: | | | | | | |
| 102b | Twentieth Century German Lit. | 3 | By Appt. | D | A | 205 | Bigge |
| 105a-d | Independent Work | 3 | By Appt. | D | A | 205 | Bigge |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|---|----------|------|------|-------|----------|------------|
| 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. | | | | | | | |
| *2b | History of the British People since the Restoration | 3 | 1 | D | FH | 204 | Hall |
| *4b | Modern Europe from the French Revolution to the Present | 2 | 1 | D | FH | 202 | Clyde |
| *5a | History of the United States (to 1860) | 3 | 1 | D | FH | 301 | Lunde |
| *5b | History of the United States (since 1860) | 3 | 4 | D | FH | 204 | Lunde |
| The following courses not open to lower division students: | | | | | | | |
| S100b | Diplomacy and Foreign Policy of U. S. Since 1860 | 2 | 2 | D | FH | 202 | Clyde |
| S135b | The British Empire (since 1860) | 2 | 3 | D | FH | 301 | Hall |
| S138 | British Social History, Tudor Period | 2 | 4 | D | FH | 301 | Hall |
| HYGIENE AND PUBLIC HEALTH | | | | | | | |
| *1 | Personal and Community Health | 1 | 3 | D | A | 4 | Heinz |
| *9 | Hygiene for Teachers | 2 | 4 | D | A | 4 | Heinz |
| The following course not open to sophomores: | | | | | | | |
| 100b | Public Health | 3 | 2 | D | A | 4 | Heinz |
| JOURNALISM | | | | | | | |
| Requirements for a Major. Prerequisites: Journalism 1a, 1b, and either 11 or 12; junior standing. Required: Journalism 104a, 104b, 105, 106, 107, 108. Electives: All other courses in Journalism above 100. | | | | | | | |
| Requirements in Field of Concentration: Forty credits in the Field of Literature, Philosophy, and the Arts, including the major work in courses not open to freshmen. | | | | | | | |
| The Degree of A. B. in Journalism. Two sequences are offered which, when completed, lead to the degree of A. B. in Journalism. See outlines in catalog. | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| S105 | Law of the Press | 2 | 2 | D | McVH | 54 | Portmann |
| S106 | Ethics and Principles of Journalism | 2 | 3 | D | McVH | 54 | Portmann |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|---------|----------|-------|----------|-------------------------------|
| LIBRARY SCIENCE | | | | | | | |
| Requirements for a Major. Prerequisites: Senior standing. Required: Thirty credits in courses in Library Science or full curriculum advised. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts (or acceptable equivalent), including the major work. | | | | | | | |
| The following courses not open to lower division students: | | | | | | | |
| 126 | Place, Function, Administration, and Opportunity of the High School Library..... | 3 | 4 | D | UL | 314 | |
| 132 | Library Work with Children..... | 2 | 1 | D | UL | 314 | |
| 133a | Reference and Bibliography..... | 3 | 2 | D | UL | 314 | |
| 154 | Seminar | 2 | 3 | D | UL | 314 | |
| MATHEMATICS AND ASTRONOMY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; courses 1, 2, 17, 18, 19. Required: A minimum of 18 credits of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis, and one in Applications. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Physical Sciences, including the major work. | | | | | | | |
| 19 | Plane Analytic Geometry | 3 | 3 | D | McVH | 128 | Downing |
| S20b | Integral Calculus | 3 | 2 | D | McVH | 106 | Latimer |
| The following course not open to lower division students: | | | | | | | |
| 105 | Differential Equations | 3 | 1 | D | McVH | 128 | Downing |
| The following course open to graduate students only: | | | | | | | |
| 207a | Theory of Numbers | 3 | 3 | D | McVH | 106 | Latimer |
| MUSIC | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Music 21a, 21b, 25a, 25b, 35a, 35b; Psychology 1. Required: Music 11a, 11b, 30a, 30b, 4a, 4b, 26; Music 19a, 19b; a minimum of 15 credits of advanced work in Music. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy and the Arts, including the major work. | | | | | | | |
| 19b | History and Appreciation of Music | 2 | 4 | D | AC | 7 | Lampert |
| 4a | Public School Music | 2 | 1 | D | AC | 7 | Morse |
| 4b | Public School Music | 2 | 3 | D | AC | 7 | Morse |
| 26 | High School Methods | 2 | 2 | D | AC | 7 | Morse |
| 11a | Advanced Harmony | 2 | | By Appt. | AC | 9 | Lampert |
| 12a | Counterpoint and Composition | 2 | | By Appt. | AC | 9 | Lampert |
| { *S15b | Applied Music for B. S. (violin, piano, organ) | 1 | | By Appt. | | | { Lampert, Cullis, Richardson |
| S18b | | | | | | | |
| S25b | Elementary Harmony | 2 | 2 | D | AC | 8 | Lampert |
| *40a-d | Orchestra | 1 | 4 p. m. | D | AC | 8 | Lampert |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

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

PHYSICAL EDUCATION

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

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

| | | | | | | | |
|------|---|-----|------------|---|----|------|-------------|
| S14 | Elementary Plays and Games.. The following course not open to lower division students: | 1 | 4 | D | E | Gym. | Hackensmith |
| 150 | Organization and Supervision of Intramural Athletics..... | 2 | 2 | D | FH | 105 | Hackensmith |
| S131 | Advanced Basketball (July 20–August 1) | 1.5 | 9:50–11:50 | D | AG | | Rupp |
| S201 | The following course open to graduate students only: Research in Physical Education | 3 | 1 | D | FH | 105 | Hackensmith |

PHYSICS

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

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

| | | | | | | | |
|---------------------|-----------------------------------|---|------|--------------------|-----|-----|----------------|
| { *1b ₁ | Gen. Elem. Phys., Lec. | 5 | 1 | D | C&P | 200 | Koppius |
| { *1b ₂ | Gen. Elem. Phys., Rec. | 5 | 2 | MWF | C&P | 103 | Koppius |
| { *1b ₂₁ | Gen. Elem. Phys., Lab. | 5 | 3 | { MTW } { ThF } | C&P | 201 | Graduate Asst. |
| *51b | Introduction to Physics, Lec..... | 3 | 1 | D | C&P | 200 | Koppius |
| { 2b ₁ | Gen. Col. Physics, Rec. | 5 | 1 | D | C&P | 103 | Warburton |
| { 2b ₁₁ | Gen. Col. Physics, Lab..... | 5 | 3, 4 | { MTW } { ThF } | C&P | 3 | Warburton |

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

| | | | | | | | |
|-------|--|---|--|----------|--|--|-----------|
| S101 | The following courses not open to lower division students: Theory of Heat | 3 | | By Appt. | | | Koppius |
| S102a | Electricity and Magnetism..... | 3 | | By Appt. | | | Warburton |
| 217b | The following course open only to graduate students: Theoretical Physics | 3 | | By Appt. | | | Koppius |

POLITICAL SCIENCE

Requirements for a Major. Prerequisites: Junior standing; Political Science 15, 51. **Required:** Political Science 155a and 155b or 159a and 159b; 190a and 190b; a minimum of 15 credits of advanced work in Political Science; and a comprehensive examination in the senior year.

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|--|--|----------|----------|------|-------|----------|------------|
| POLITICAL SCIENCE—Cont. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Social Studies, including the major work. | | | | | | | |
| *51 | American Government | 3 | 2 | D | A | 302 | Trimble |
| 52 | Municipal Government | 3 | 3 | D | A | 203 | Manning |
| The following course not open to lower division students: | | | | | | | |
| 171b | Modern Political Theory | 3 | 3 | D | A | 302 | Trimble |
| (Democracy, Socialism, Fascism, Communism, etc.) | | | | | | | |
| The following course open only to graduate students: | | | | | | | |
| 203 | Public Administration | 3 | 2 | D | A | 203 | Manning |
| PSYCHOLOGY | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Psychology 1, 2a and 2b, or 10, or their equivalent. Required: The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 15 of the 40 credits in the Field must be courses in Psychology not open to freshmen. | | | | | | | |
| *1 | Elementary Psychology | 3 | 2 | D | NH | 306 | White |
| 7 | Psychology of the Child | 3 | 2 | D | NH | 304 | Asher |
| The following courses not open to lower division students: | | | | | | | |
| 114 | Abnormal Psychology | 3 | 3 | D | NH | 300 | White |
| 120a-d | Independent Work in Psychology | 2 | By Appt. | | NH | 200 | Staff |
| The following courses open only to graduate students: | | | | | | | |
| 203a or b | Problems in Psychology | 2 | By Appt. | | NH | 200 | Staff |
| 215 | Measurement of Human Relationships | 3 | By Appt. | | NH | 302 | Asher |
| ROMANCE LANGUAGES | | | | | | | |
| Requirements for a Major. Prerequisites: Junior standing; Romance Languages 1a-b; 2a-b; 5a-b; 6a-b. A minimum of 15 credits of advanced work in Romance Languages. | | | | | | | |
| Requirements in Field of Concentration: Forty credits of advanced work in the Field of Literature, Philosophy, and the Arts, including the work in the major field. | | | | | | | |
| *S1a | Elementary French | 2 | 3 | D | S | 307 | Server |
| *S1b | Elementary French (cont.) | 2 | 3 | D | S | 307 | Server |
| *S5a | Elementary Spanish | 2 | 1 | D | S | 307 | Server |
| *S5b | Elementary Spanish (cont.) | 2 | 2 | D | S | 307 | Server |
| S10b | Spanish Conversation and Composition | 2 | 1 | D | S | 307 | Server |
| S2a | Intermediate French | 2 | 2 | D | S | 306 | Horsfield |
| S2b | Intermediate French (cont.) | 2 | 2 | D | S | 306 | Horsfield |
| S6a | French Novel and Drama | 2 | 4 | D | S | 306 | Horsfield |
| S6b | French Novel and Drama (cont.) | 2 | 4 | D | S | 306 | Horsfield |
| S7a | Intermediate Spanish | 2 | 2 | D | S | 307 | Server |

* Open to freshmen.

SECOND TERM
COLLEGE OF ARTS AND SCIENCES—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|----------|------|-------|----------|------------|
| ROMANCE LANGS.—Cont. | | | | | | | |
| S7b | Intermediate Spanish (cont.)..... | 2 | 2 | D | S | 307 | Server |
| S30 | French Conversation and Com- position | 2 | 3 | D | S | 306 | Horsfield |
| The following courses not open to lower division students: | | | | | | | |
| S112b | XIX Century Spanish Literature | 2 | 2 | D | S | 307 | Server |
| S113b | Advanced French Grammar, Syntax, Composition | 2 | 3 | D | S | 307 | Server |
| 114a, b, c, etc. | Independent Work in Romance Languages | 3 | By Appt. | | | | Staff |
| Note.—No credit for duplicating first half of high school work. If one unit is offered take 1b or 5b. No credit for 1a or 5a before 1b or 5b is passed. | | | | | | | |

SOCIOLOGY

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

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

| | | | | | | | |
|--|----------------------------|---|---|---|----|-----|----------|
| The following courses not open to lower division students: | | | | | | | |
| 109 | The Family | 3 | 2 | D | FH | 105 | Caldwell |
| 116 | Rural Social Economy | 3 | 1 | D | FH | 105 | Caldwell |

ZOOLOGY

Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b. **Required:** Zoology 7a, 7b, or 157a, 157b; Zoology 106; Zoology 108a, 108b; Zoology 114a, 114b; a minimum of 15 credits of work above 1a, 1b; passing a comprehensive examination before graduation.

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

| | | | | | | | |
|---|--|---|---|---|------|---|------------|
| The following course not open to lower division students: | | | | | | | |
| 108b | Principles of Zoology (Hereditiy) | 2 | 4 | D | Mus. | 1 | Funkhouser |
| (For Anthropology see Anthropology and Archaeology.) | | | | | | | |

COLLEGE OF AGRICULTURE

| ANIMAL INDUSTRY | | | | | | | |
|-------------------|------------------------|---|------|---|------|-----|-----------|
| 20 | Animal Nutrition | 3 | 2 | D | D | 212 | Wilford |
| 106 | Pork Production | 3 | 4 | D | D | 212 | Wilford |
| 111a | Special Problems | 3 | 1, 2 | D | Agr. | 303 | Horlacher |
| (First 2½ weeks.) | | | | | | | |

SECOND TERM
COLLEGE OF AGRICULTURE—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|----------------------------------|---|----------|------|------|-------|----------------|-------------|
| MARKETS AND RURAL FINANCE | | | | | | | |
| 108 | Marketing | 3 | 1 | D | Agr. | 303 | H. B. Price |
| HOME ECONOMICS | | | | | | | |
| 6b | Foods | 3 | 3, 4 | D | Agr. | 103 } 205 } | Barkley |
| 32 | Children's Clothing | 3 | 1, 2 | D | Agr. | 202 | Barkley |
| 115 | Child Care and Development..... | 3 | 1 | D | Agr. | 301 | Deephouse |
| 126 | Family Living | 3 | 4 | D | Agr. | 301 | |
| 142 | Home Management and Family Relationships | 5 | 3 | D | Agr. | 301 | Deephouse |
| | (Students desiring to take this course must obtain permission by July 1.) | | | | | | |

COLLEGE OF ENGINEERING

| | | | | | | | |
|-------------------------------|---------------------------------|-----|------------|---------|----|-----|-----------------------------|
| ELECTRICAL ENGINEERING | | | | | | | |
| 106 ₁ | Alternating Currents, Rec..... | 4.0 | { 4 | D | MH | 202 | } Freeman and Watkins |
| 106 ₁₁ | Alternating Currents, Lab..... | | | | | | |
| 122 | Transformer Design | 1.3 | 12 hrs. By | Appt. | MH | 202 | |
| 123 | Electrical Equipment Problems | | | | | | |
| ENGINEERING MECHANICS | | | | | | | |
| 12 | Kinematics | 2.0 | 2 | D | MH | 202 | Hawkins |
| 13 | Mechanics of Materials | 4.0 | 3, 4 | { MTW } | MH | 201 | Johnson |
| | | | | { ThF } | | | |
| 101 | Hydraulics | 2.0 | 1 | { MTW } | MH | 202 | Hawkins |
| | | | | { ThF } | | | |
| PRACTICAL MECHANICS | | | | | | | |
| 14 | Machine Shop | 1.3 | 12 hrs. By | Appt. | NS | | } Thurman and others |
| 15 | Forge Shop | 1.3 | 12 hrs. By | Appt. | NS | | |
| 16 | Elements of the Automobile..... | 1.3 | 12 hrs. By | Appt. | AS | | |

COLLEGE OF LAW

| | | | | | | | |
|------|--------------------------------|---|---|----------|----|-----|---------|
| 154 | Damages | 2 | 1 | D | LB | 103 | Eblen |
| 170 | Legal Ethics | 2 | 1 | D | LB | 102 | Murray |
| 120b | Trial Procedure II | 2 | 2 | D | LB | 103 | Randall |
| 177 | Statutory Interpretation | 2 | 3 | D | LB | 103 | Murray |
| 102b | Torts II | 2 | 4 | D | LB | 102 | Eblen |
| 172 | Problems of Research | 2 | | By Appt. | LB | 102 | Murray |

**SECOND TERM
COLLEGE OF EDUCATION**

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|---|----------|------|------------|-------|----------------|--------------------|
| ADMINISTRATION | | | | | | | |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 101 | School Organization | 3 | 1 | D | E | 131 | Meece |
| The following courses open only to graduate students: | | | | | | | |
| 202 | Local School Administration.... | 3 | 4 | D | E | 101 | Howard |
| 210 | Special Problems in School Administration | 3 | | By Appt. | E | 232 | Meece |
| 212 | The Elementary School | 3 | 3 | D | E | 134 | Kirkpatrick |
| 225 | Supervision of Instruction | 3 | 1 | D | E | 101 | Howard |
| 232 | High School Administration.... | 3 | 2 | D | E | 131 | Ligon |
| The following courses open only to second and third year graduate students: | | | | | | | |
| 301a, b | Research Problems in Sch. Administration | 3 | | By Appt. | E | 232 | Meece |
| 307a, b | Research Problems in Sec. Education | 3 | | By Appt. | E | 114 | Ligon |
| 308a, b | Research Problems in Elementary Education | 3 | | By Appt. | E | 136A | Duncan |
| 321a, b | Research Problems in Higher Education | 3 | | By Appt. | E | 232 | Ligon |
| AGRICULTURAL EDUCATION | | | | | | | |
| The following courses open only to graduate students: | | | | | | | |
| 280 | Method in Teaching Vocational Agriculture (first 2½ weeks) | 3 | | By Appt. D | E | 226 | Hammonds |
| 287e | Teaching Farm Shop (first 2½ weeks) | 3 | | By Appt. D | E | 220 | Woods |
| 287c | Evening Schools (second 2½ weeks) | 3 | | By Appt. D | E | 226 | Hammonds |
| 289 | Research in Agricultural Education | 3 | | By Appt. | E | 219 } 220 } | Hammonds, Woods |
| COMMERCIAL EDUCATION | | | | | | | |
| The following courses not open to freshmen and sophomores: | | | | | | | |
| 158a | Methods of Teaching Secretarial Subjects | 2 | 4 | D | WH | 207 | Lawrence |
| 159 | The Commercial Curriculum | 3 | 2 | D | WH | 207 | Lawrence |
| EDUCATIONAL PSYCHOLOGY | | | | | | | |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 122 | Educational Tests and Measurements for High School Teachers | 3 | 1 | D | E | 222 | Ross |
| The following course open only to graduate students: | | | | | | | |
| 223 | Educational Statistics | 3 | 2 | D | E | 222 | Ross |

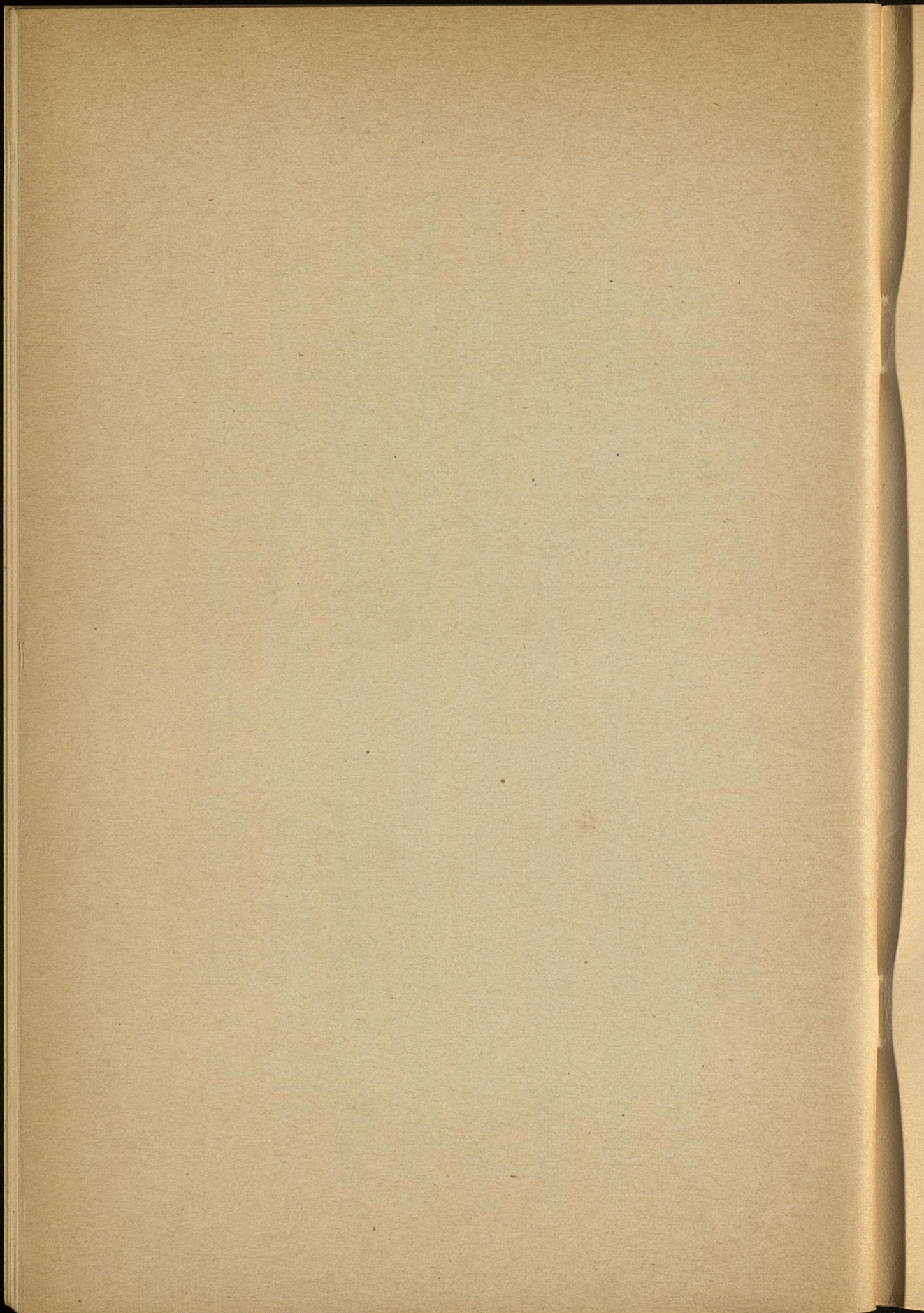
SECOND TERM
COLLEGE OF EDUCATION—Continued

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|---|--|----------|------|----------|-------|----------|--------------------|
| ELEMENTARY EDUCATION | | | | | | | |
| Note.—For Public School Music see Music Department. | | | | | | | |
| 20 | Industrial Arts in the Elementary School | 2 | 4 | D | E | 170 | Haines |
| 42 | Teaching Arithmetic in the Elementary School | 3 | 1 | D | E | 134 | Duncan |
| 44 | Fundamentals in Elementary Education | 5 | 2, 3 | D | E | 134 | Haines |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 172 | Teaching Reading in the Elementary School | 3 | 3 | D | E | 131 | Duncan |
| HOME ECONOMICS EDUCATION | | | | | | | |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 165b | Problems in Vocational Education (Adult Education and Home Projects) (first 2½ weeks) | 3 | 1 | D | E | 104 | Parker or Spickard |
| | (Second 2½ weeks.) Any course in Home Economics Education for which there is enough demand | | | | E | 104 | Parker or Spickard |
| PHILOSOPHY OF EDUCATION | | | | | | | |
| 35 | Introduction to Education | 3 | 4 | D | E | 231 | Meece |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 140b | Character Education | 3 | 4 | D | E | 134 | Kirkpatrick |
| The following courses open only to graduate students: | | | | | | | |
| 200 | Philosophy of Education | 3 | 3 | D | E | 222 | Adams |
| 222b | Thesis Course | 3 | | By Appt. | E | 232 | Ross and others |
| 227b | Technique of Curriculum Construction | 3 | 2 | D | E | 101 | Lutes |
| 230 | Adv. Educational Sociology | 3 | 4 | D | E | 131 | Patrick |
| SECONDARY EDUCATION | | | | | | | |
| The following course not open to freshmen and sophomores: | | | | | | | |
| 105 | Technique of Teaching | 3 | 2 | D | E | 231 | Ligon |
| The following course open only to graduate students: | | | | | | | |
| 232 | High School Administration | 3 | 1 | D | E | 231 | Ligon |

**SECOND TERM
COLLEGE OF COMMERCE**

| Course No. | Subject | No. Crs. | Hour | Days | Bldg. | Room No. | Instructor |
|------------|---|----------|------|--------------------------|-------|----------|-------------|
| *3 | Economic History of the U. S... | 3 | 2 | D | WH | 303 | Jennings |
| 7b | { Principles of Accounting, Lec. } | 4 | 1 | D | WH | 306 | Tolman |
| | { Principles of Accounting, Lab. } | | | | | | |
| S13b | { Secretarial Practice, Rec... } | 4 | 3, 4 | { MWF or D | WH | 401 | Tolman |
| | { Secretarial Practice, Lab... } | | | | | | |
| | | | 5 | { MTWTh } or by appt. | WH | 301 | R. Jennings |
| 14b | Advanced Secretarial Practice | 3 | 4 | D | WH | 301 | R. Jennings |
| 103 | Transportation (Prereq. Course 1.) | 3 | 3 | D | WH | 306 | Sullivan |
| 109b | Business Law | 3 | 2 | D | WH | 306 | Haun |
| 110 | Business Cycles | 3 | 5 | D | WH | 401 | Palmer |
| 115 | Contemporary Economic Thought | 3 | 4 | D | WH | 205 | Sullivan |
| 145 | Problems in Office Manage- ment | 3 | 3 | D | WH | 301 | Lawrence |

* Open to freshmen.



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Lexington, Kentucky

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