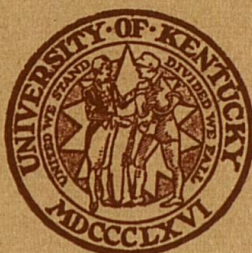


Bulletin of the

UNIVERSITY OF KENTUCKY



SUMMER QUARTER, 1943

First Term: June 14 to July 21

Second Term: July 22 to August 28

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

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

Vol. 35

MARCH

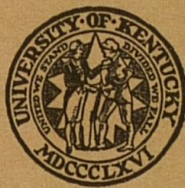
No. 3

UNIVERSITY SCHOOL

Elementary—June 14 to July 24

High School—June 14 to July 24

BULLETIN
OF THE
University of Kentucky



SUMMER QUARTER, 1943

First Term: June 14 to July 21

Second Term: July 22 to August 28

CONTENTS

	Pages
Calendar	3
Administrative Officers	4
Faculty	5
General Information	17
The Summer Quarter for 1943	17
Accredited Relations	18
The Environment of the University	18
Social Life in the Summer Quarter	19
Placement Service	19
The University School and Directed Teaching.....	21
Length of Quarter	22
Admission	22
Numbering of Courses	24
Student Load	24
Fees	25
Refunds	25
Late Registration	25
Marking System	25
Room and Board	26
Requirements for Graduation	27
College of Arts and Sciences	28
College of Agriculture and Home Economics	30
College of Engineering	31
College of Law	31
College of Education	32
College of Commerce	34
Graduate School	34
Schedule of Lectures and Recitations	36
Explanations and Abbreviations	36
Recitation Hours	37
College of Arts and Sciences	41, 73
College of Agriculture and Home Economics.....	60, 82
College of Engineering	62
College of Law	65, 83
College of Education	66, 84
College of Commerce	70, 87

SUMMER QUARTER CALENDAR

Monday	June 14	Registration for first term.
Tuesday	June 15	Classes begin.
Monday	June 21	Last date upon which a student may register for the first term or for the complete quarter.
Friday	June 25	Last date upon which a course may be dropped without a grade.
Saturday	July 3	Last date upon which a student may withdraw and receive a refund on fees for the first term.
Wednesday	July 21	First term ends.
Thursday	July 22	Registration for the second term.
Friday	July 23	Classes begin.
Monday	July 26	Last date upon which a student may register for the second term.
Tuesday	Aug. 3	Last date upon which a course may be dropped without a grade.
Wednesday	Aug. 11	Last date upon which a student may withdraw and receive a refund on fees for the second term.
Saturday	Aug. 28	Summer quarter ends.

ADMINISTRATIVE OFFICERS

GENERAL

HERMAN LEE DONOVAN, M.A., Ph.D., LL.D., President
LEO M. CHAMBERLAIN, M.A., Ph.D., Dean of the University and
Registrar
T. T. JONES, M.A., Ph.D., Dean of Men
SARAH BENNETT HOLMES, M.A., Dean of Women
FRANK D. PETERSON, A.B., University Comptroller
MARGARET ISADORA KING, A.B., B.S., Librarian
LOUIS CLIFTON, M.A., Director of University Extension

THE COLLEGES

PAUL PRENTICE BOYD, M.A., Ph.D., LL.D., Dean of the College of Arts
and Sciences
THOMAS POE COOPER, B.S., D.Sc., Dean of the College of Agriculture
and Home Economics and Director of the Experiment Station
JAMES HIRAM GRAHAM, C.E., Dean of the College of Engineering
ALVIN E. EVANS, M.A., Ph.D., J.D., Dean of the College of Law
WILLIAM SEPTIMUS TAYLOR, M.S., Ph.D., Dean of the College of
Education
EDWARD WIEST, M.A., Ph.D., Dean of the College of Commerce
WILLIAM DELBERT FUNKHOUSER, M.A., Ph.D., D.Sc., Dean of the
Graduate School

FACULTY

- ADAMS, ESTELLE, M.A.
Second Grade, University School
- ADAMS, JESSE EARL, M.A., Ph.D.
*Professor of Philosophy of Education; Head of the Department
of Philosophy of Education*
- ALLEN, RICHARD SWEETNAM, M.S.
*Professor of Anatomy and Physiology; Head of the Department
of Anatomy and Physiology*
- ALLEN, WILLIAM RAY, M.A., Ph.D.
Professor of Zoology
- ANDERSON, GRACE, M.A.
English, University High School
- ARMSTRONG, WATSON, M.A.
Instructor in Agricultural Education
- ASHER, ESTON JACKSON, M.A.
Associate Professor of Psychology
- BACKER, GERALD H., B.S.E.
Associate Professor of Applied Mechanics
- BAKER, W. MAURICE, M.A.
*Assistant Professor of Education; Head of the Department of
Distributive Occupations*
- BARKENBUS, CHARLES, Ph.D
Professor of Organic Chemistry
- BARKLEY, MARIE RODES, M.A.
Assistant Professor of Home Economics
- BARNETT, BRINKLEY, B.M.E.
Associate Professor of Electrical Engineering
- BEALS, WENDELL EVERETT, M.B.A., C.P.A.
Assistant Professor of Accounting
- BEDFORD, MATTHEW HUME, Ph.D.
Professor of Physical Chemistry
- BEEBE, MORRIS WILSON, M.S
Associate Professor of Metallurgical Engineering

- BEERS, HOWARD W., Ph.D.
*Professor of Rural Sociology; Rural Sociologist, Experiment
Station*
- BEITER, JEAN SANDELL, M.S.
Instructor in Home Economics
- BELSER, CLARA HELEN, M.A.
Seventh Grade, University School
- BEST, HARRY, LL.B., Ph.D., LL.D.
Professor of Sociology; Head of the Department of Sociology
- BIGGE, ADOLPH E., M.A., Ph.D.
*Professor of German; Head of the Department of German
Language and Literature*
- BRADFORD, LAWRENCE ALLEN, M.S.
Assistant Professor of Farm Management
- BRADY, GEORGE K., Ph.D.
Professor of English
- BRANNON, JOHN E.
*Lieutenant Colonel, U. S. Army; Associate Professor of Military
Science*
- BRAUER, ALFRED, M.A., Ph.D.
Professor of Zoology
- BREWER, B.E., B.S.
*Colonel, U. S. Army; Professor of Military Science and Tactics;
Head of the Department of Military Science and Tactics*
- BROWN, AUBREY J., M.S.
Assistant in Markets, Experiment Station
- BROWN, ERNEST BENTON, JR., M.S.
Instructor in Anatomy and Physiology
- BROWN, MARION CLAY, M.A.
Assistant Professor of Mathematics
- BUNCH, H. DEAN, M.S.
Instructor in Farm Crops
- BUREAU, ERNEST ADOLPHE, B.S., Ph.B., E.E.
*Professor of Electrical Engineering; Head of the Department of
Electrical Engineering*
- CALLIHAN, ANNE W., A.B.
Assistant Professor of Art

- CAPURSO, ALEXANDER ALEXIS, B.S. in Mus., M.A., Ph.D.
Professor of Music; Executive Director, Department of Music
- CARLISLE, FLOYD L., M.A.
Major, U. S. Army; Associate Professor of Military Science
- CARPENTER, CECIL C., M.S., Ph.D.
Professor of Economics
- CARPENTER, DAURIS C., B.S. in Com.
Major, U. S. Army; Assistant Professor of Military Science
- CARREL, WILLIAM JOSEPH, C.E.
Professor of Structural Engineering
- CARTER, LUCIAN HUGH, M.A., Ph.D.
Professor of Economics
- CHAMBERS, ALVIN LEE, C.E.
Assistant Professor of Testing Materials
- CHAMBERS, JOHN SHARPE, M.S., M.D.
Professor of Hygiene and Public Health; Head of the Department of Hygiene and Public Health; Director of the Dispensary
- CHEEK, FRANK JACOBS, A.B., C.E., M.S.
Professor of Sanitary Engineering
- CLARK, THOMAS D., M.A., Ph.D.
Professor of History; Acting Head of the Department of History
- CLIFTON, LOUIS, M.A.
Professor of Education; Director of University Extension
- CONROY, KATHERINE, M.A.
Sixth Grade, University School
- CROUSE, CHARLES STEVENS, E.M.
Professor of Metallurgical Engineering; Head of the Department of Mining and Metallurgical Engineering
- CRUMPTON, CHARLES RIED, B.S. in Chem. Engr., M.S.
Instructor in Industrial Education
- CULLIS, LELA
Instructor in Applied Music (Organ)
- CUTLER, JOHN L., M.A.
Instructor in English
- DAHL, ARTHUR G., M.A., J.D.
Major, U. S. Army; Associate Professor of Military Science

- DEEHOUSE, LAURA, M.S.
Assistant Professor of Home Economics
- DIMMICK, GRAHAM B., Ph.D.
Associate Professor of Psychology
- DIMOCK, WILLIAM WALLACE, D.V.M.
*Professor of Veterinary Science; Head of the Department of
Animal Pathology*
- DOWNING, HAROLD H., B.C.E., M.S., Ph.D.
Professor of Mathematics; in Charge of Astronomy
- DUNCAN, MAY K., M.A.
*Professor of Elementary Education; Head of the Department of
Elementary Education*
- DUPRE, J. HUNTLEY, Ph.D.
Professor of History
- EAVES, JAMES C., M.A.
Instructor in Mathematics
- EDMONSON, WILMER G.
Staff Sergeant, U. S. Army; Instructor in Military Science
- ELLIOTT, NORRIS RAYMOND, B.S.
*Professor of Landscape Architecture and Floriculture; Field
Agent in Horticulture, Agricultural Extension Division*
- ELY, FORDYCE, M.S., Ph.D.
Professor of Dairy Husbandry; in Charge of Dairy Section
- EMMERT, EMERY MYERS, M.S., Ph.D.
*Assistant Professor of Horticulture; Assistant in Horticulture,
Experiment Station*
- ERIKSON, STATIE ESTELLE, Ph.D.
*Professor of Home Economics; Head of the Department of Home
Economics*
- FARQUHAR, EDWARD FRANKLIN, M.A.
Professor of Literature
- FERGUS, ERNEST NEWTON, Ph.D.
*Professor of Farm Crops; Agronomist in Charge of Pastures and
Forage Crops, Experiment Station*
- FISCHER, LYDIA ROBERTS, M.A.
Instructor in Mathematics
- FOWLER, FRANK CHARLES, M.A.
Associate Professor of English; Director, Guignol Theatre

- FUNKHOUSER, WILLIAM DELBERT, M.A., Ph.D., D.Sc.
*Professor of Zoology; Professor of Anthropology; Head of the
Department of Zoology; Dean of the Graduate School*
- GALLAWAY, WILLIAM FRANCIS, M.A., Ph.D.
Associate Professor of English
- GEIGER, CLARENCE, M.A.
Instructor in English
- GRAHAM, JAMES HIRAM, C.E.
Dean of the College of Engineering
- GRIFFIN, GERALD, A.B.
*Major, U. S. Army; Associate Professor of Military Science
and Tactics*
- GRUNDMEIER, EDITH, M.S.
Assistant Professor of Home Economics
- GULLETTE, ARTHUR T., M.A.
Instructor in Physical Education
- HACKENSMITH, CHARLES WILLIAM, M.A.
*Associate Professor of Physical Education; Acting Head of the
Department of Physical Education*
- HAINES, RUTH, M.S.
Instructor in Public School Art and Elementary Education
- HALL, ELLERY L., M.A.
Assistant Professor of History
- HAMANN, C. B., Ph.D.
Instructor in Bacteriology
- HAMILTON, WILLIAM BROOKS, M.S., Ph.D.
Bacteriologist; Associate Professor of Hygiene and Public Health
- HAMMONDS, CARSIE, M.S., Ph.D.
*Professor of Agricultural Education; Head of the Department of
Agricultural Education*
- HANKINS, THOMAS L., M.S.
Instructor in Industrial Education
- HANNAN, JOHN S., B.S. in Med. Tech.
Instructor in Bacteriology
- HAWKINS, ROBERT DAWSON, M.E., M.S.
Professor of Applied Mechanics
- HELTON, STELLA ELIZABETH, M.S.
Instructor in Home Economics

- HEINZ, WILBUR AUGUST, M.S.P.H.
Associate Professor of Hygiene and Public Health
- HENSON, RHEA BEARD, M.S.
Fifth Grade, University School
- HIMES, RALPH E.
Sergeant, U. S. Army; Instructor in Military Science
- HOLMES, HENRY BERT, M.A., Ph.D.
Assistant Professor of Romance Languages
- HORINE, JOHN SHERMAN, M.E.
Associate Professor of Engineering Drawing
- HORSFIELD, MARGARET BENNETT, MA., Diplome d'Etudes Francaises
de l'Universite de Montpellier
Assistant Professor of Romance Languages
- HORTON, LEWIS HENRY, M.A.
Assistant Professor of Music
- HULL, FLOYD EDGAR, D.V.M.
*Professor of Veterinary Science; Associate Veterinarian, Experiment
Station*
- HUMPHREYS, MARGARET BELL, A.B.
Commercial Subjects, University School
- JENNINGS, WALTER WILSON, M.A., Ph.D.
Professor of Economics
- JETT, CARTER COLEMAN, M.E.
Professor of Machine Design
- JONES, THEODORE TOLMAN, M.A., Ph.D.
*Professor of Ancient Languages; Head of the Department of
Ancient Languages; Dean of Men*
- KARRAKER, PERRY ELMER, M.A.
*Professor of Soils; Agronomist in Soil Technology, Experiment
Station*
- KELLEY, JAMES BYRON, B.S. in A.E., B.S. in M.E.
*Professor of Agricultural Engineering; Agricultural Engineer,
Experiment Station*
- KEMPER, DURBIN COLLINS, M.A.
Science, University High School
- KINKER, ELMER O.
Technical Sergeant, U. S. Army; Instructor in Military Science
- KNAPP, CHARLES MERRIAM, Ph.D.
Professor of History

- KNIGHT, GRANT COCHRAN, M.A.
Professor of English
- KNOTT, HELEN, M.S.
Instructor in Bacteriology
- KOPPIUS, OTTO TOWNSEND, Ph.D.
Professor of Physics
- KOUNS, MARY KING, M.A.
Instructor in Physical Education
- KUIPER, JOHN, M.A.
Professor of Philosophy; Head of the Department of Philosophy
- LAMPERT, CARL ALBERT, B.M.
Professor of Music; Head of the Department of Music
- LANCASTER, HARRY, A.B.
Instructor in Physical Education
- LATIMER, CLAIBORNE GREEN, Ph.D.
Professor of Mathematics
- LATZKE, VERNA, M.S.
Assistant Professor of Home Economics
- LAWRENCE, ARMON JAY, M.A.
*Associate Professor of Commerce and Education; Head of the
Department of Business Education (College of Education)*
- LESTOURGEON, FLORA ELIZABETH, Ph.D.
Associate Professor of Mathematics
- LEWIS, MILDRED SINCLAIR, B.S. in Mus., M.A.
Assistant Professor of Music
- LIGON, MOSES EDWARD, M.A., LL.D.
*Professor of Secondary Education; Head of the Department of
Secondary Education; Director of the Placement Bureau*
- LUNDE, ROBERT GERHARD, M.A.
Assistant Professor of History
- MCCONNELL, EUGENE SLAGLE, M.S.
*Instructor in Poultry Husbandry; Assistant in Poultry, Experi-
ment Station*
- McFARLAN, ARTHUR CRANE, Ph.D.
Professor of Geology; Head of the Department of Geology
- McGUIRE, FRANCIS T., Ph.D.
Associate Professor of Physical Metallurgy

- McLAUGHLIN, MARGUERITE, A.B.
Assistant Professor of Journalism
- MARTIN, JAMES W., M.A.
*Professor of Economics; Director of the Bureau of
Business Research*
- MAY, AUGUSTUS NOAH, B.S.
*Professor of Industrial Education; Head of the Department of
Industrial Education*
- MAY, CALVIN W., B.S.
*Second Lieutenant, U. S. Army; Associate Professor of Military
Science*
- MAY, EARL C., B.S. in Com.
Captain, U. S. Army; Associate Professor of Military Science
- MAY, JAMES WARREN, M.E.
Associate Professor of Heating and Ventilating Engineering
- MEECE, LEONARD E., M.A., Ph.D.
Associate Professor of Educational Administration
- MERCER, ANNE M., A.B.
Biology and Mathematics, University School
- MEYER, ANDRE JOHANNES, B.S. in M.E.
Professor of Aeronautical and Mechanical Engineering
- MINER, JAMES BURT, B.S., LL.B., M.S., Ph.D.
Professor of Psychology; Head of the Department of Psychology
- MOLLOY, JEANETTE ELLIOTT ROBINSON, M.A.
Fifth Grade, University School
- MONTGOMERY, MURRAY M., B.I.E.
*First Lieutenant, U. S. Army; Assistant Professor of Military
Science*
- MORELAND, ROY, A.B., LL.B., J.D., S.J.D.
Professor of Law
- MORRISON, HENRY BARTLETT, M.S., Ph.D.
*Associate Professor of Dairying; Assistant in Dairying, Experi-
ment Station*
- MUMFORD, MARY, M.S.
Assistant Professor of Home Economics
- MURRAY, FRANK, A.B., LL.B., S.J.D.
Professor of Law
- MYERS, GENE, A.B. in Ed.
Captain, U. S. Army; Assistant Professor of Military Science

- NEWBERRY, EDWARD, M.A.
Assistant Professor of Psychology
- NOLLAU, LOUIS EDWARD, M.E.
Professor of Engineering Drawing
- PALMER, EDGAR Z., Ph.D.
Professor of Economics
- PARDUE, LOUIS A., M.S., Ph.D.
Associate Professor of Physics
- PARKER, ETHEL LEE, M.A.
Professor of Home Economics Education; Head of the Department of Home Economics Education
- PATRICK, WELLINGTON, M.A., Ph.D.
Professor of History of Education; Head of the Department of History of Education
- PECK, ANNA BROWNING, M.A.
Social Sciences, University High School
- PENCE, SALLIE E., M.A., Ph.D.
Assistant Professor of Mathematics
- PIFER, RAYMOND W., M.S.
Assistant Professor of Animal Husbandry; Assistant in Animal Husbandry, Experiment Station
- PLUMMER, L. NIEL, M.A., Ph.D.
Professor of Journalism; Head of the Department of Journalism
- PORTMANN, VICTOR R., B.J.
Assistant Professor of Journalism
- POWELL, PRESTON B.
Captain, U. S. Army; Associate Professor of Military Science
- PRICE, HUGH BRUCE, Ph.D.
Professor of Agricultural Economics; Head of the Department of Markets and Rural Finance
- RANDALL, FRANK HALL, A.B., LL.B., S.J.D.
Professor of Law
- RANNELLS, EDWARD W., A.B.
Professor of Art; Head of the Department of Art
- REEVES, JOHN ESTILL, M.A.
Assistant Professor of Political Science; Acting Head of the Department of Political Science
- RILEY, HERBERT P., M.A., Ph.D.
Professor of Botany; Head of the Department of Botany
- ROBERTS, WILLIAM LEWIS, M.A., J.D., S.J.D.
Professor of Law

- ROMANOWITZ, HARRY ALEX, M.S. in E.E.
Assistant Professor of Electrical Engineering
- ROSS, CLAY CAMPBELL, M.A., Ph.D.
Professor of Educational Psychology; Head of the Department of Educational Psychology
- RYLAND, HOBART, M.A., Docteur de l'Universite
Professor of Romance Languages; Head of the Department of Romance Languages and Literatures
- SANDERS, IRWIN T., Ph.D.
Assistant Professor of Sociology
- SCHERAGO, MORRIS, B.S., D.V.M.
Professor of Bacteriology; Head of the Department of Bacteriology
- SEAY, MAURICE F., M.A., Ph.D.
Professor of Educational Administration; Head of the Department of Educational Administration; Director of the Bureau of School Service
- SEEDS, FRANCES, M.S.
Assistant Professor of Home Economics
- SEMMONS, MILDRED, B.S., M.A. in L.S.
Professor of Library Science; Head of the Department of Library Science
- SHANNON, JASPER BERRY, Ph.D.
Associate Professor of Political Science
- SHAVER, ROBERT EZEKIEL, C.E.
Associate Professor of Civil Engineering
- SHIPMAN, MARTHA VIRGINIA, M.A.
English and Social Studies, University High School
- SMITH, CHARLES W., JR., Ph.D.
Associate Professor of Political Science
- SNEED, RUTH, M.S.
Instructor in Home Economics Education
- SNOW, CHARLES E., Ph.D.
Assistant Professor of Anthropology and Archaeology
- SPICKARD, RONELLA, M.S.
Professor of Home Economics Education
- STEELE, DEWEY G., M.S., Ph.D.
Associate Professor of Genetics; in Charge Section of Genetics

- STEWART, OLUS JESSE, M.S., Ph.D.
Associate Professor of Chemistry
- STIVERS, ROBERT L., B.S. in Com.
First Lieutenant, U. S. Army; Professor of Military Science
- SULLIVAN, MERRELL RODMAN, M.A., Ph.D.
Associate Professor of Economics
- SUTHERLAND, WILLIAM ROBERT, A.B.
Assistant Professor of English
- TABB, WILLIAM ROY, B.S. in Agr., M.S. in Ed.
Instructor in Agricultural Education
- TAYLOR, ESTHER, M.S.
Instructor in Home Economics
- TAYLOR, WILLIAM SEPTIMUS, M.S., Ph.D.
Professor of Education; Dean of the College of Education
- TERRELL, DANIEL VOIERS, C.E.
Professor of Civil Engineering; Head of the Department of Civil Engineering; Assistant Dean of the College of Engineering
- THOMAS, RUTH E., Ph.D.
Assistant Professor of Commerce
- TODD, JARVIS, M.A.
Assistant Professor of Physics
- TOPHAM, LAURA, M.A., C.E.F.
French, University High School
- TOWNSEND, LEE HILL, Ph.D.
Associate Professor of Agricultural Entomology
- TRIMBLE, ERNEST GREENE, Ph.D.
Associate Professor of Political Science
- TUCKER, WILLIS C., M.A.
Associate Professor of Journalism
- TUTHILL, EDWARD, Ph.D.
Professor of History; Head of the Department of History
- WALTMAN, CLAIR SMITH, M.S., Ph.D.
Associate Professor of Horticulture; Assistant in Horticulture, Experiment Station
- WALTON, MOSS, M.S.
Visiting Lecturer in Education; Director, Division of School of School Census and Attendance, State Department of Education, Frankfort, Kentucky

- WALTON, SYLVAN BROOKS, M.E.
Associate Professor of Mechanical Engineering
- WARD, WILLIAM S., M.A.
Instructor in English
- WARREN, MARGARET, M.A. in Ed.
Instructor in Physical Education
- WEAVER, RALPH HOLDER, M.S., Ph.D.
Professor of Bacteriology
- WEBB, LOUISE GRAY
Librarian, College of Engineering
- WEBB, WILLIAM SNYDER, M.S., D.Sc.
*Professor of Physics; Head of the Department of Physics;
Professor of Archaeology; Head of the Department of
Anthropology and Archaeology*
- WEST, MARY LUCILLE, M.A.
Languages, University High School
- WEST, PERRY, M.E.
Professor of Steam and Power Engineering; Head of the Department of Mechanical Engineering
- WHITE, MARTIN M., M.A., Ph.D.
Professor of Psychology; Acting Assistant Dean of the College of Arts and Sciences; Executive Secretary of Personnel Office
- WILFORD, EDWARD JAMES, M.S.
Professor of Animal Husbandry; in Charge of Meats Laboratory; Assistant in Animal Husbandry, Experiment Station
- WILLSON, LOUISE, M.A.
Third Grade, University School
- WOFFORD, AZILE MAY, M.S.
Assistant Professor of Library Science
- YATES, LAWRENCE, M.A.
Assistant Professor of English
- YOUNG, DAVID MARION, M.S.
Assistant Professor of Geology; Curator of the Museum
- YOUNG, EARL ROBERT, M.S.
Assistant Professor of Agricultural Engineering
- YOUNG, RUTH THEOBALD, B.S. in Lib. Sci.
Visiting Instructor in Library Science

GENERAL INFORMATION

THE SUMMER QUARTER FOR 1943

In planning its Summer Quarter for 1943, the University of Kentucky, like all other institutions, was faced with many problems not normally encountered. The summer program must of necessity be planned early in the winter, much too soon in these abnormal times to predict with any degree of accuracy the enrollment to be expected or the particular needs of the students who are to attend. Under such conditions it has been the purpose of the University, to present as comprehensive a program as possible, keeping in mind the needs of those who will probably be in attendance and the demands made on institutions of higher learning by the nation's war effort. It is the desire of the University of Kentucky to meet every immediate and practical demand of the war, while at the same time retaining the essential integrity of its liberal and professional schools, in order that it may give to the state and nation, during and after the conflict, men and women of broad social understanding, genuine intellectual power, good will, and tolerance.

It should be pointed out that the schedule of courses and instructors is tentative, and that the University reserves the right to withdraw courses for which the demand proves to be slight or negligible.

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

The needs of the following groups, particularly, have been kept in mind in planning the Summer Quarter for 1943.

1. The high school boy who graduates in May or June and will not be eighteen years of age until late in the summer or fall. Such a boy may easily complete one and possibly two quarters of college work before entering military service. Experience has proved that every added day of study is an advantage to the student entering military service.
2. The high school girl who graduates in May or June and wishes to advance her college preparation as rapidly as possible in order that she may be of largest service to the nation in this crisis.
3. All students, women and men, who are in college and wish to accelerate their programs of study as much as possible.

4. Teachers, principals, supervisors, and superintendents who desire to further their preparation for educational work in elementary and secondary schools.
5. All persons who may desire certain courses in order to advance in their specific vocation or to fit themselves better for positions available as a result of the war.

Over and above its program of liberal education the University Summer Quarter provides numerous opportunities for persons to prepare both for emergency occupations and for normal or after-the-war employment. The extent of the opportunities is indicated by the following vocational areas in which summer courses will be offered: Industrial Chemistry, Journalism, Medical Technology, Pre-Medicine, Pre-Dentistry, Pre-Nursing, Music, Library Science, Public Service, Art, Bacteriology, Geology, Psychology, Agriculture in its various phases, Pre-Forestry, Pre-Veterinary, Home Economics, Civil Engineering, Electrical Engineering, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Law, Elementary Teaching, High School Teaching, Educational Supervision and Administration, General Business, Commerce-Law, Industrial Administration, and Secretarial Work.

It should be emphasized that the University's participation in the post-induction training of Army or Navy enlisted men will not in any way interfere with the normal operation of the program for regular summer students.

ACCREDITED RELATIONS

The University of Kentucky is on the approved list of the Association of American Universities, and is a member of the Southern Association of Colleges and Secondary Schools and the Kentucky Association of Colleges and Secondary Schools. It is accredited in its respective colleges or departments by the Association of American Law Schools, the American Association of Collegiate Schools of Business, the American Association of Schools and Departments of Journalism, the American Library Association, the National Association of Schools of Music, and the Engineers' Council for Professional development.

THE ENVIRONMENT OF THE UNIVERSITY

The University of Kentucky is located in Lexington in the center of the Bluegrass, a delightful country of scenic beauty and of great historical interest.

Many of the famous horse farms, some individual establishments containing more than a thousand acres, are open to visitors throughout the year. These farms, with their broad pastures, sparkling streams, woodlands, and paved roads provide Fayette

County with a system of parks which is unique. Idle Hour, cradle of four Derby winners; Elmendorf; Walnut Hall; Calumet, home of Whirlaway; Castleton; Hamburg Place; Dixiana; Coldstream; and Faraway, home of Man o' War, are among the beautiful horse farms in Fayette County open to visitors.

Points of particular interest in Lexington, other than the nearby farms are Ashland, the home of Henry Clay; General John Hunt Morgan's home; the home of Mary Todd, wife of Lincoln; the vast tobacco warehouses; the Keeneland Race Track; the track of the Kentucky Trotting Horse Breeder's Association; the United States Veterans' Hospital; and the Federal Narcotic Hospital.

Within a relatively short distance from Lexington are Frankfort, the Capitol City, with its many historical features; Herrington Lake; Shakertown; Fort Harrod and its adjacent Pioneer Cemetery; the Old Kentucky Home; the Palisades of the Kentucky River; and many other points of historical and scenic interest.

SOCIAL LIFE IN THE SUMMER QUARTER

The University of Kentucky realizes that it is essential to meet the social needs of students in attendance at the Summer Quarter, 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 1943 Summer Quarter will include concerts, teas, dances, plays, lectures, picnics, and convocations.

STUDENT UNION BUILDING

The Union Building is the center of University student activity.

The building provides a game room with pool, billiard, and ping-pong tables; a recreation room for cards and informal dancing; a music room where one may hear the works of the greatest composers; and a periodical room with fine magazines. The advantages of these various rooms may be enjoyed by the students during leisure hours.

There is a modern beauty salon and barber shop, a cafeteria serving foods of quality, an attractive soda grill, men's and women's lounges, and telegraph and telephone service; all for the convenience of the students.

PLACEMENT SERVICE

There is a constantly growing demand for the services of the graduates of the University of Kentucky. Placement services are maintained by 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. The Association has been very successful in placing graduates with nationally operating industrial concerns, credit investigating and reporting companies, wholesale houses, banks, insurance companies, chain store companies, governmental agencies both federal and state, and in teaching positions. These positions included secretarial work, accounting, advertising, selling, personnel, and statistical work.

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

The College of Engineering has an enviable 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 a few exceptions, all members of each class have been employed soon after graduation. The placement of engineering graduates is directed by the Dean of the College with the assistance of the heads of departments.

RECREATIONAL ACTIVITIES

The summer months are vacation and recreation time. Provision is made for Summer Quarter students to participate in numerous recreational activities and to learn the fundamental skills and techniques involved. The Physical Education Department is offering recreational courses for men and women students in archery, badminton, tennis, social dancing, volley ball, bowling, and intramural sports. This is an opportunity for every summer quarter student to receive expert instruction in any or all of the above mentioned activities. It you are a novice it is your chance to learn; if an expert performer, it is your chance to participate under wholesome and enjoyable circumstances.

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

THE UNIVERSITY SCHOOL AND DIRECTED TEACHING

The University School will be in session during the first half of the Summer Quarter only. The term will begin Monday, June 14, and close Saturday, July 24. The University School will be open from 8:00 to 12:00, six days a week.

Students desiring to register for Directed Teaching in the University School should make application on or before June 4. Those who plan to enroll for Directed Teaching in junior or senior high school subjects should make application to Ellis Hartford, Director of the University School, and those who desire to do their student teaching in the elementary school should make application to Mrs. May K. Duncan, Head of the Department of Elementary Education. Application for these courses should be made in advance, since only a limited number of students can be accommodated. Students are urged to file their applications for these courses as early as possible, as time should be allowed the Dean's office to check the prerequisites of all applicants before registration.

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

The University School 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 made in each of two different subjects.

Pupils from any of the schools of the state will be permitted to enroll in the University School for the summer term. The tuition charge for high school pupils will be \$10 for one-half unit or \$15 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. No tuition is charged in the Elementary School for the Summer Quarter.

The operation of the University School during the first summer term offers a helpful opportunity to the following persons:

1. Pupils who wish to make an additional unit of credit. By attending Summer School it is quite possible for a pupil to earn enough units to enable him to be graduated from high school in less than four years. Many alert, ambitious pupils will appreciate this opportunity.
2. Pupils who wish to carry more satisfactorily the work of an advanced grade. Many pupils who have not failed, but

who have barely passed, by attending Summer School can assure themselves of better success in the grade to which they have been promoted.

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

LENGTH OF QUARTER

The Summer Quarter of the University of Kentucky for 1943 will be eleven and one-half weeks in length, six days a week, and will be divided into two terms, the first to begin June 14 and to close July 21, and the second to begin July 22 and to close August 28.

Classes during the Summer Quarter 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. A few courses will meet for one-hour periods.

ADMISSION

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

Applicants for admission should write the Registrar's Office for forms on which to submit their applications, stating at the time whether they wish forms for admission to the freshman class, to advanced standing, or to the Graduate School. Applications and transcripts of credit should be filed in advance. Students entering with advanced standing and those entering the Graduate School should present transcripts from each institution they have attended.

To the Freshman Class. Residents of Kentucky who are graduates of accredited high schools will be admitted to the University on certificate, provided they have fifteen units of high school work characterized as follows.

At least ten of the units presented must be chosen from the English studies, the social studies, mathematics, the foreign languages, and the natural sciences, the last to include not more than one unit of general science. Within these ten units, the students must present three units in English, exclusive of journalism, public speaking and dramatics.

Resident students who have graduated from unaccredited high schools and those not graduated from high school may be admitted as freshmen if, in addition to presenting the fifteen acceptable units, they successfully pass the University entrance examinations.

Students who are not residents of Kentucky may be admitted when they meet the above requirements for resident students and when in addition they rank in the upper two-thirds of their high school graduating classes.

Admission to the University does not necessarily qualify a student for admission to a particular college. In every case the student must meet the admission requirements of the college in which he is to enroll.

To Advanced Standing. A student who applies for admission with advanced standing is expected to present evidence that he is in good standing in every respect in the institution last attended, and in general is required to have maintained a standing of 1.0 in all previous college work. The University does not disregard at any time or under any conditions college or university records in order to admit applicants solely on the basis of their high school records.

As a Special Student. A graduate of another university or college may enter the University as a special student. Other persons may be admitted as special students provided they are fully prepared to do the work desired and provided they are at least twenty-one years of age.

As an Auditor. By payment of the required fees any person may be admitted to a class or classes as an auditor. A student regularly enrolled in any college must apply to the Dean of the college in which he is registered in order to be an auditor. Other persons should apply to the Registrar's Office for admission. No credit can be given for a class audited, nor is the student permitted an examination for credit.

College of Arts and Sciences. Admission to this college is governed by the general admission requirements of the University outlined above.

College of Agriculture and Home Economics. Admission to this college is governed by the general admission requirements of the University outlined above.

College of Engineering. Admission to the freshman class of the College of Engineering is limited to students rated in the upper three-quarters on the University placement tests.

In addition to meeting the general requirements for admission to the University, the high school credits presented by the applicant shall include one unit in Plane Geometry, one-half unit in Solid Geometry, and one and one-half units in Algebra. If the student lacks only the half unit in Solid Geometry, he may be admitted, but this subject will be added to the requirements of the freshman year.

College of Law. An applicant for admission to the College of Law must offer 90 quarter hours (exclusive of physical education and military science) completed in residence in colleges other than Law, nine of which must be in English. A standing of 1.0 is the minimum qualitative requirement, but in other than exceptional cases an applicant will not be accepted unless he has maintained a standing of 1.3 on all previous work. While there is no prescribed pre-law curriculum, the applicant's record is evaluated in terms of its relationship to the study of law, and in terms of the requirements of the Association of American Law Schools.

College of Education. Admission to the freshman class of the College of Education is limited to students rated in the upper three-fourths on the University placement tests. In order to transfer to the College of Education from another institution or from another college of the University, a student must have a standing of 1.0 or higher. The freshman applicant must meet the general admission requirements of the University.

College of Commerce. Admission to the freshman class of the College of Commerce is limited to students rated in the upper three-fourths on the University placement tests. The freshman applicant must meet the general admission requirements of the University.

The Graduate School. Graduates of fully accredited institutions of higher learning may be admitted to the Graduate School upon evidence of graduation and an official transcript of undergraduate courses. However, such admission does not obligate the University to accept all credit granted by the undergraduate school. When full credit is not granted, the student will be required to do more than the normal amount of work to complete a graduate degree. Applications from graduates of institutions not fully accredited will be individually evaluated. However, students from such schools are encouraged to secure a bachelor's degree from a fully accredited institution before applying.

NUMBERING OF COURSES

Courses numbered 1 to 99, inclusive, may be taken for credit only by undergraduate students. Courses numbered 100 to 199, inclusive, may be taken for credit by juniors, seniors, and graduate students, provided that a course so numbered may carry graduate credit only with the approval of the student's graduate committee. Courses numbered 200 or above are open only to graduate students.

STUDENT LOAD

The normal load for the summer quarter is from 16 to 18 quarter hours, and for one term of the quarter, eight or nine hours.

FEEES

For 1943 the fee for all resident students, except those enrolled in the Law School, will be \$35 for the full summer quarter, and \$23 for either term. For non-resident students the corresponding fees will be \$55 and \$28. For resident students enrolled in the College of Law, the fee for the full summer quarter will be \$38 and for either term \$25. The corresponding fees for non-resident students will be \$58 and \$30.

Part-time students will pay according to the number of quarter hours carried, except that the full-time fee will be paid in all cases when the student load equals or exceeds six quarter hours.

REFUNDS

During the first week after the opening of either term of the Summer Quarter, 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. Students enrolled for the entire Summer Quarter will receive refunds in accordance with the schedule observed during the fall, winter, and spring quarters.

LATE REGISTRATION

No student will be allowed to register for credit for the first term or the complete quarter after June 21, or for the second term after July 26.

MARKING SYSTEM

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

- A—Exceptionally high quality, valued at 3 points for each quarter hour.
- B—Good, valued at 2 points for each quarter hour.
- C—Fair, valued at 1 point for each quarter hour.
- 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 no points and no credit.
- I—Incomplete.
- X—Absent from examination.
- WP—Withdrew passing.
- WF—Withdrew failing.

The standing of a student is defined as the ratio of his total number of points to his total number of credits. When a quarter'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 Director of the Residence Halls for 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 Director of the Residence Halls for Women or the 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.

Women's Residence Halls. In Boyd and Patterson Halls double rooms are \$14 a term for each resident and in Jewell Hall \$16. Single rooms are \$17 a term in any residence hall. For the Summer Quarter double rooms in Patterson and Boyd Halls are \$28 per person, in Jewell Hall \$32 per person, and single rooms in any residence hall \$34 per person. Bed linens are furnished but students should bring blankets, towels, and dresser scarfs. Room assignments are made in order of application. Reservations not claimed by eleven o'clock of the evening of the first day of registration will not be held unless special arrangements have been made with the Director of the Residence Halls for Women. All women, unless permission to live in town has been granted by the Dean of Women, must live in the residence halls.

Men's Residence Halls. Double rooms in the men's residence halls cost \$12 a term for each occupant; single rooms cost \$15 a term; suites of two rooms each cost \$15 a term for each occupant. Any double room or suite may be had by a single occupant for one and a half times the regular price per man for the term; that is, a double room as a single is \$18 for the term. Bed linens are included. Occupants will furnish blankets, towels, and soap. Reservations not claimed by the opening dates of the first and second terms respectively will not be held unless arrangements are made with the Dean of Men.

Meals. Meals will be served at the University cafeteria during the Summer Quarter.

Rooms and Board in Lexington. Students who have not made reservations should apply upon arrival in Lexington at the office of the Dean of Women or 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 Quarter during both terms. Consultations may be held at the offices of the Department of Hygiene.

REQUIREMENTS FOR GRADUATION

Undergraduate Colleges. To be eligible for graduation from any undergraduate college of the University, a student must have completed the requirements of the curriculum as approved by the University Faculty. In addition to gaining the specified number of quarter hours, he must have an equal number of quality points—that is, a standing of 1.0.

Regardless of the length of time the student has attended the University, a minimum of forty-five of the last fifty-four quarter hours presented for the degree must be completed in residence at the University. The last eighteen quarter hours of residence work must be completed while registered in the college through which the degree is granted.

Not more than forty-eight of the quarter hours required for an undergraduate degree may be gained by extension, special examination, or both. A student may not satisfy in excess of one-half the requirements for a major by extension, special examination, or both.

The Graduate School. A student is required to satisfy the requirements for the degree for which he is a candidate as of the date on which he enters the Graduate School. In all cases, however, a minimum residence of one year (36 weeks) is required for the master's degree, and three years (108 weeks) for the doctorate. (See the Catalog or Graduate Bulletin for the specific requirements for the various graduate degrees.)

No transferred credits are accepted toward the master's degree. Two years of graduate work from a fully accredited institution which offers the doctor's degree may be accepted toward the Ph.D. degree.

Theses must be presented in final form to the Dean of the Graduate School not later than three weeks before the date set for the final examination. The final examination must be taken at least fifteen days before the close of the quarter.

A graduate student must maintain a standing of 2.0 and no grade below C shall be counted

No graduate credit is given for courses taken by correspondence or class extension.

No work is given graduate credit unless the student was enrolled in the Graduate School at the time during which the work was taken.

Application for a Degree. All students in residence during the first term who are to be candidates for degrees in August should make formal application in the office of the Registrar on Monday, June 21. All applications for degrees must be filed not later than Tuesday, July 27. 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.

COLLEGE OF ARTS AND SCIENCES

The college courses are planned 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 library science, leading to the degree of B. S. in Library Science; 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 Law, Medicine, or Dentistry.
6. Graduate courses leading to the master's and doctor's degrees in the Graduate School.

The Degree of Bachelor of Arts. For the degree of Bachelor of Arts the student is required to gain a total of 192 quarter hours and 192 points; that is, a standing of 1.0, subject to the following conditions.

OUTLINE OF REQUIREMENTS FOR GRADUATION

Lower Division—Freshman and Sophomore Years

General requirements:

Freshman Orientation, first and second quarters, freshman year, 2 quarter hours.

English, 10 to 20 quarter hours (20 quarter hours required if only 3 units of entrance are presented).

General Hygiene, freshman or sophomore years, 2 quarter hours.

Physical Education, freshman and sophomore years, 6 quarter hours.

Military Science (men), freshman and sophomore years, 12 quarter hours.

Group Requirements:

Foreign Languages, 4 to 28 quarter hours.

2 quarters in one language, if 3 or more units of entrance are presented; 4 quarters in one language, if only 2 units; 5 quarters in one language, or 4 quarters in one language and 2 in another, if only 1 or no unit of entrance.

A student may take after any quarter of foreign language, a departmental examination which, if passed, will fulfill this requirement.

Social Studies, at least 8 quarter hours in one department.

(Economics, History, Political Science, or Sociology)

Mathematics, Philosophy, Psychology, at least 8 quarter hours in one department.

Physical Sciences, at least 8 quarter hours in one department.

(Astronomy, Chemistry, Geology or Physics)

Biological Sciences, at least 8 quarter hours in one department.

(Bacteriology, Botany, Physiology, or Zoology)

Upper Division—Junior and Senior Years

Field of Concentration. Sixty quarter hours 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 22 quarter hours of the required 60 in the field of concentration must be in one department, the major department, exclusive of courses open to freshmen. However, the major department may require more than the minimum 22. A minimum of 8 quarter hours is required as a prerequisite for a major in any department. A **Topical Major** is also offered, which is not confined to one department or field.

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 majoring in the departments of Anatomy and Physiology, Ancient Languages, Art, Botany, Economics, Geology, German, Journalism, Mathematics and Astronomy, Music, Philosophy, Physical Education, Physics, Political Science, Romance Languages, Sociology, and Zoology will be required to schedule tutorial courses as specified by their major department and to take final comprehensive examinations covering their major work. Passing the comprehensive examinations is a prerequisite for graduation for major students in these departments.

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Agriculture

To receive the degree of Bachelor of Science in Agriculture a student must complete 210 quarter hours and 210 quality points. These hours are classified as follows:

Prescribed non-agriculture	63 hours
Prescribed agriculture	47 hours
Electives required in agriculture	46 hours
Free electives	54 hours
<hr/>	
Total	210 hours

The liberal system of electives enables a student to take a general course or to pursue some specialization in a chosen field. Options from which a choice may be made are: General agriculture, high school teaching, agricultural entomology, agronomy, animal husbandry, dairying, poultry, farm economics and rural sociology, markets and rural finance, and horticulture.

Students planning to prepare for professional work in agricultural engineering, veterinary medicine, forestry or the rural ministry may take work that will permit them to enter these schools. A two-year, non-degree course is provided for those who do not desire to complete the degree requirements. The poultry short course will be held in June and plans are being made for other short courses.

Home Economics

To receive the degree of Bachelor of Science in Home Economics a student must complete 205 quarter hours and 205 quality points. These hours are classified as follows:

Prescribed non-home economics	74 hours
Prescribed home economics	69 hours
Electives required in home economics	18 hours
Free electives	44 hours
<hr/>	
Total	205 hours

Through the proper choice of electives a student may take a general course or may pursue some specialization in one of the following options: General home economics; high school teaching; institution economics and dietetics; clothing, textiles and related art; and child development and family living. The Summer Quarter offers unusual opportunity for choice of electives in all of these options.

COLLEGE OF ENGINEERING

Admission. For admission to the freshman class in the College of Engineering, applicants should present one and one-half units in Algebra, one unit in Plane Geometry, and one-half unit in Solid Geometry, other requirements being the same as specified for admission to the freshman class in general. Applicants meeting all of the general requirements, except the half unit in Solid Geometry, may be admitted to the freshman class, but will be required to remove the deficiency during the freshman year. It is desirable, but not obligatory, that applicants also have high school credit in Chemistry, Physics, and Trigonometry. Admission to the freshman class of this college is limited to students rated in the upper three-quarters on the placement tests.

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

- Bachelor of Science in Civil Engineering
- Bachelor of Science in 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 first two quarters of the freshman year. This gives the student the benefit of a period of training in fundamental subjects before he is required to choose among the different fields.

There will be a freshman class in engineering beginning work in the Summer Quarter of 1943.

COLLEGE OF LAW

The Summer Quarter in the College of Law consists of two terms of approximately six weeks each.

The Summer Quarter 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. One-third of the year's work can be completed in a Summer Quarter so that by attending three Summer Quarters a student may complete the full three-year course in two calendar years.

The courses in the College of Law for the Summer Quarter are planned with special reference to three types of students. First, students who desire to shorten the three-year period by studying 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.

The law library is one of the best in the South, consisting of over 30,000 volumes. It receives regularly approximately 100 legal periodicals.

The Order of the Coif was established in 1931. Summer School students are entitled to consideration for membership in this Order on the completion of their work.

The Law School publishes the Kentucky Law Journal four times a year. To this, summer school students are permitted to contribute by way of writing case notes.

COLLEGE OF EDUCATION

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

To be admitted to the College of Education a student shall meet the following requirements: standing of at least 1.0 (average of C on all previous work) or, if an entering freshman, he must be in the upper three-quarters on the University placement tests.

For a degree in education the student is required to present a total of 192 quarter hours with a standing of 1.0.

General Requirements for Students in the Field of Secondary Education

1. Minimum General Preparation	Quarter Hours
English	16
Psychology	8
Physical Education	6
Matriculation Lecture	
Military Science (for men only)	12
2. Teaching Fields	
Two majors (36+36)	72
or	
One major, two minors (36+24+24)	84
or	
An Area of Concentration	72

3. Professional Preparation*	Quarter Hours
Education 35	4
Education 122	5
Education 101	5
Education 105	4
Directed Teaching	9

4. Core Curriculum 40

At least forty quarter hours must be submitted from the fields listed below. No candidate may present fewer than three nor more than four fields, nor fewer than eight quarter hours in any field; nor may any candidate select under the core curriculum any field which he uses as a major or minor.

Fine Arts	Philosophy and Psychology
Science	Foreign Languages
Social Science	Vocational Subjects
Mathematics	Health, Physical Education and Safety

* Physical Education, Music, and Art Majors should substitute Education 16, and Education C44 for Education 35 and Education 122. Business Education Majors should substitute Education 104 and Education 158a, b for Education 101 and Education 105.

General Requirements for Students in the Field of Elementary Education

	Quarter Hours
1. English	16
a. Oral and Written Composition	
b. Survey of English Literature	
2. Science	16
a. Heredity	
b. Electives	
3. Social Sciences	36
a. History—American and Kentucky	
b. Problems of Citizenship	
c. Principles of Sociology	
d. Principles of Geography	
e. Economic Problems	
4. Fine Arts	12
a. Public School Art	
b. Elective in Art	
c. Public School Music	
5. Health and Physical Education	9
6. Psychology	8

	Quarter Hours
7. Professional Preparation	45
a. Fundamentals of Elementary Education	
b. Children's Literature	
c. Teaching Arithmetic	
d. Tests and Measurements	
e. Teaching Science	
f. Teaching Reading	
g. Industrial Arts	
h. Supervised Student Teaching	
8. Elective, including Principles of Nutrition	50

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 quarter hours required for graduation under the General-Business Curriculum, the Combined Commerce-Law Course and the Secretarial-Training Course, is 192, while under the Industrial-Administration Curriculum it is 216. The scholarship standing must be at least 1.0. Unless two units in the ancient or foreign language 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.) College graduates who desire to confine their work to undergraduate courses and who do not expect to become candidates for higher degrees should not register in the Graduate School, but with the Dean of the College in which their courses are listed.

Residence Credit. A graduate student must carry at least six quarter hours in each term of the Summer Quarter to be entitled to full residence credit for that term.

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

Requirements for the Master's Degree. A candidate for the degree of Master of Arts or Master of Science is required to complete 36 quarter hours of graduate work of which two-thirds is in a major and one-third in electives, spend a full year in residence, present an acceptable thesis, have a reading knowledge of one modern foreign language and pass a final oral examination. He must maintain a standing of 2.0.

Requirements for Professional Degrees. The professional degree of M. A. or M. S. in Education, or M. S. in Agriculture, Home Economics, and Engineering may be secured with the same requirements except that there is no language requirement and, that with the permission of the department concerned, 18 additional quarter hours and 12 additional weeks may be offered in lieu of a thesis.

General Requirements for a Master's Degree. All candidates for any master's degree must have completed the equivalent of a B.A. or B.S. degree in a fully accredited institution. Part-time residence during any quarter is computed on the basis of one week of residence for each quarter hour earned, but the amount of residence for part-time work is limited, except for graduate assistants and part-time instructors, to not more than four weeks in any one quarter. No credit for advanced degrees is allowed for correspondence or extension work and no transferred credit is accepted toward a master's degree.

General Requirements for the Doctor's Degree. The degree of Doctor of Philosophy is offered with major work in the following departments: Agricultural Economics and Rural Sociology, Chemistry, Education, Economics, English, History, Mathematics, Physics, Psychology, Political Science, and Romance Languages. 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, satisfies the language requirements, 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.

SCHEDULE OF LECTURES AND RECITATIONS

Explanations and Abbreviations

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

Days of recitations are indicated by the initial letters of the days, D standing for daily. The symbol M—F indicates a class meets daily Monday through Friday. The buildings are indicated as follows:

A, Administration	KH, Kastle Hall
AC, Art Center	L, Lafferty Hall
AE, Agricultural Engineering	McVH, McVey Hall
Agr, Agriculture	MeH, Memorial Hall
BS, Biological Sciences	MG, Men's Gymnasium
D, Dairy Products	MH, Miller Hall
E, College of Education and Associated Schools	NH, Neville Hall
Eng, Engineering	NorH, Norwood Hall
FH, Frazee Hall	Pence, Pence Hall
GA, Gym Annex	SP, Stock Judging Pavilion
HB, Health and Hygiene	UL, University Library
HE, Home Economics	WH, White Hall

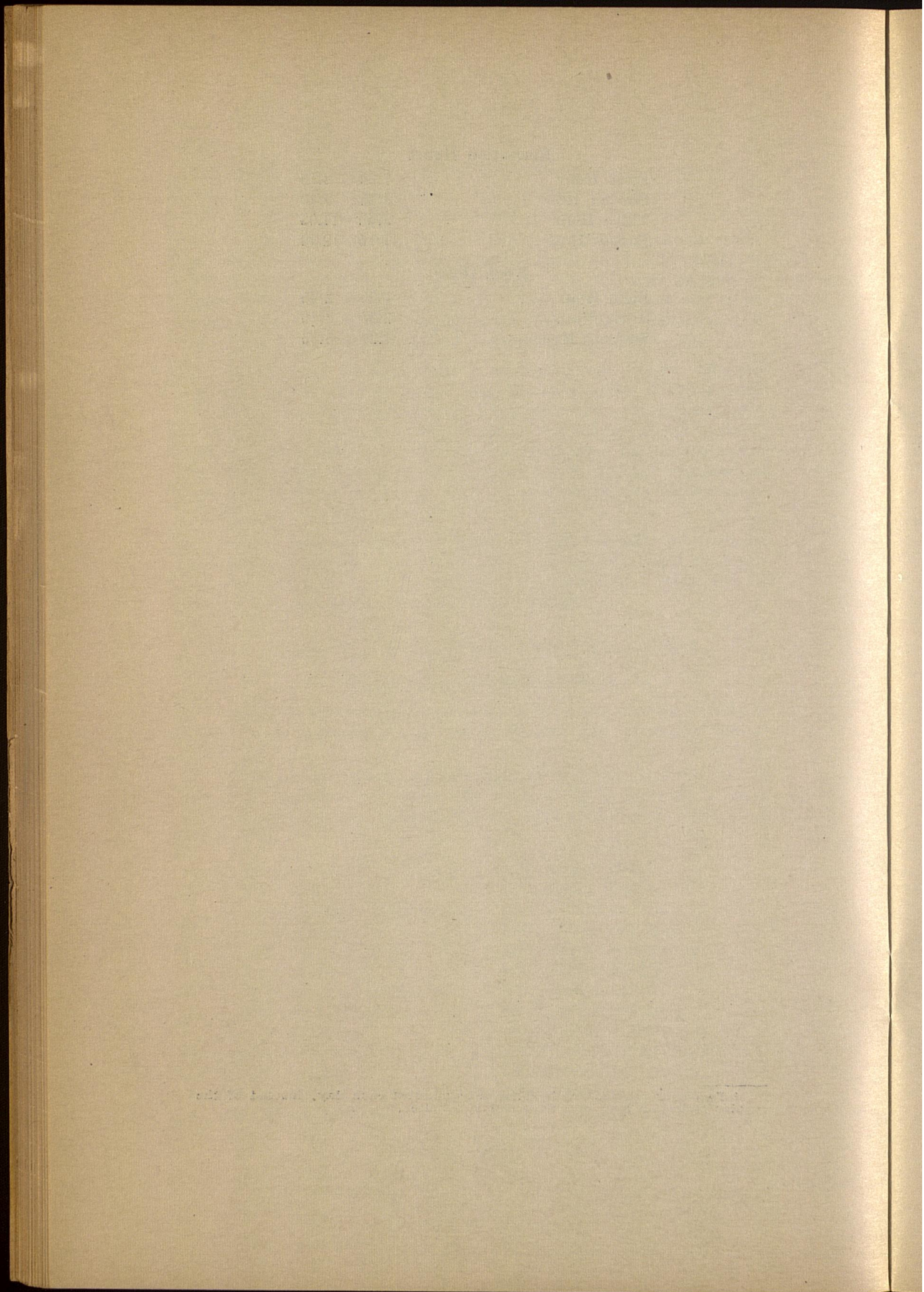
Recitation Hours

*First Hour	7:00— 8:15
Second Hour	8:25— 9:40
Third Hour	9:50—11.05
Fourth Hour	11:15—12.30

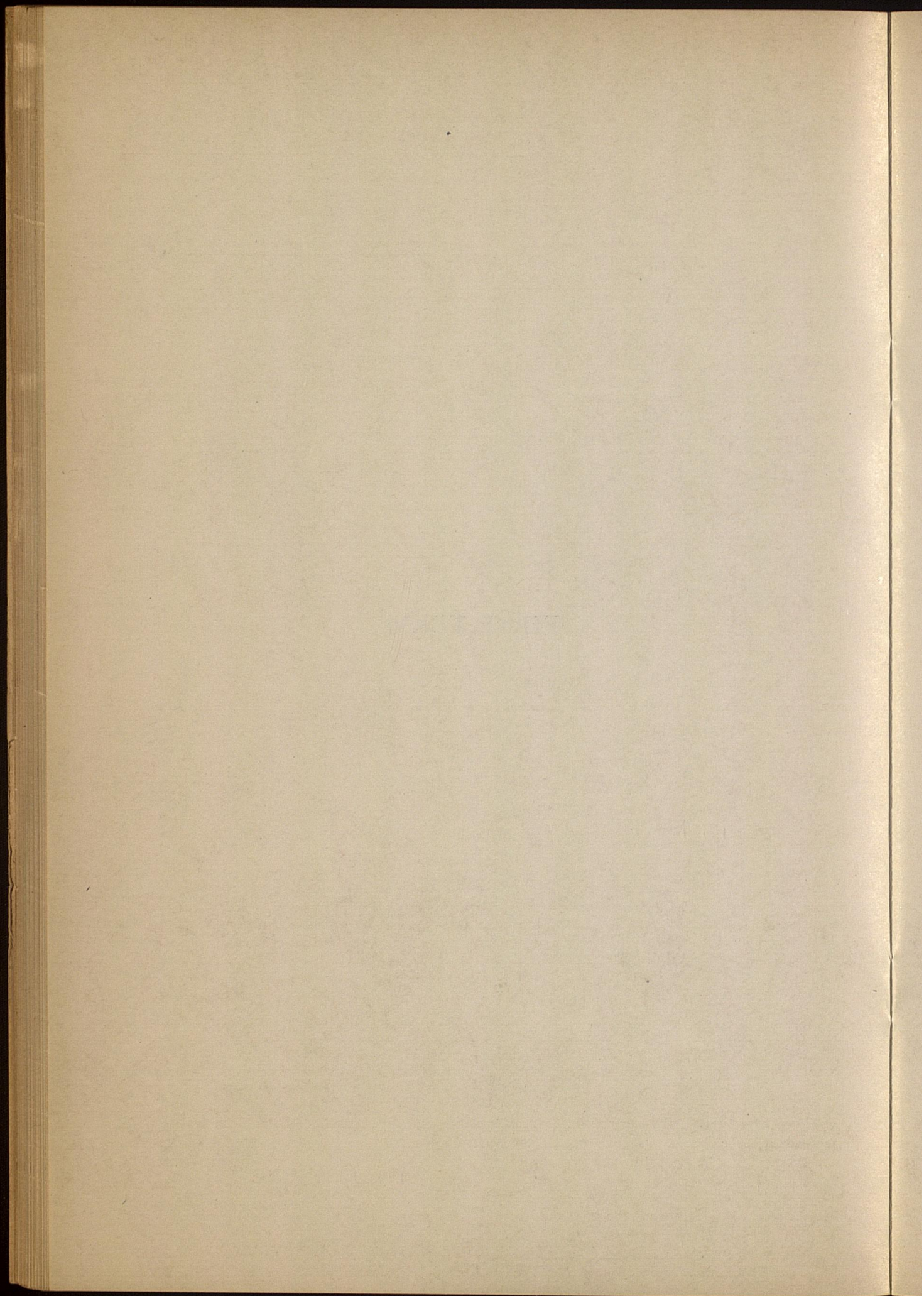
Noon Hour

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

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



FIRST TERM



FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

ANATOMY AND PHYSIOLOGY

Prof. R. S. Allen, Head of Department, Biological Science Bldg., Room 304

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Biological Sciences during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: A. & P. 1a and 1b; Zoology 1a, 1b, 1c; Physics 1a, 1b, 1c; Chemistry 1a, 1b. **Required:** A minimum of 24 quarter hours of advanced work in Anatomy and Physiology, including Seminar (116a, b, c) and passing a comprehensive examination in the senior year.

Note.—For combined Arts-Medicine Course, see catalog or consult your Dean

*6b ₁	General Anat. and Physiol. for Nurses, Lec. and Rec.	4	3	T-F	BS	313	Allen
*6b ₂	General Anat. and Physiol. for Nurses, Lab.	4	3-4	S	BS	306	Allen
1a	General Physiology	4	2	M-F	BS	313	Brown
	The following courses are not open to freshmen and sophomores:						
106	Introduction to Endocrinology.. (Designed for Teachers)	4	4	M-F	BS	313	Allen
107	Advanced Anat. (Lec., Rec., and Lab.)	5	1, 2	D	BS	{308 } {307 }	{Allen, } {Brown }
C108a	Advanced Physiology (Lec. and Lab.)	5	4	D	BS	307	Brown
	The following course is open to graduate students only:						
201a	Research in Physiology	6	By Appt.	D	BS	{304a } {305a }	{ } {Staff }

ANCIENT LANGUAGES

Professor T. T. Jones, Head of Department, Administration Bldg. 2 or 303.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy, and the Arts during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: First two years of college Latin. **Required:** A minimum of 22 quarter hours of advanced work in A. L.; Tutorial Work; comprehensive examination in senior year.

Note.—No credit given when work done in High School is repeated. One year of High School language is considered the equivalent of one quarter of University work. Two courses at same hour not allowed.

*C1a	Beginning Latin	4	1	M-F	A	303	Jones
------	-----------------------	---	---	-----	---	-----	-------

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ANCIENT LANGUAGES—Cont.							
*C2, } *C3, } *C4a, } *C5, } *C6a }	Caesar and Sel., Cicero and Sel., Vergil, Livy, Horace.....	4	2	M-F	A	303	Jones
*C51a	Beginning Greek	4	2	M-F	A	303	Jones
The following courses not open to freshmen and sophomores:							
C121	Survey of Roman Civilization (In English). Does not count as foreign language requirement	4	3	M-F	A	303	Jones
C150a	Teachers Course in Latin (Based on first year's work) ..	4	3	M-F	A	303	Jones
ANTHROPOLOGY AND ARCHAEOLOGY							
Professor W. S. Webb, Head of Department, Pence Hall 101.							
*1a	General Anthropology	3	2	D	PENCE	205	Snow
Not open to lower division students:							
107	Ethnology of the New World.... (The American Indian)	3	3	D	BS	B3	Funkhouser
ART							
Professor E. W. Rannells, Head of Department, Biological Science Bldg.							
UPPER DIVISION REQUIREMENTS (Junior and Senior Years)							
Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy and the Arts during the junior and senior years, including the major work.							
Requirements for a Major. Prerequisites: Art 61a, 61b (drawing), 62 (design), 35, 36 (history of Art). Required: A minimum of 34 quarter hours—16 in studio courses, 16 in history of Art, plus the senior seminar and comprehensive examination in the senior year.							
*61a-b	Elementary Drawing	4	5, 6, 7	D	BS	214	Rannells
63a-b	Advanced Drawing	4	5, 6, 7	D	BS	214	Rannells
65a-b	Painting	4	5, 6, 7	D	BS	214	Rannells
10a	Public School Art	3	5, 6, 7	MTThF	BS	213	Callihan
*30a	Introduction to Art	3	4	MTThF	BS	211	Callihan
66a	Design in Decoration	4	By Appt.		BS	212	Callihan
Note. —Four quarter hour courses in Drawing and Painting will require 20 hours of studio work per week for the summer quarter of 5½ weeks; they may also be scheduled as three quarter hour courses requiring 15 hours per week.							

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ART—Continued							
	The following courses not open to freshmen or sophomores:						
115a-d	Independent Work	4		By Appt.	BS	212	Rannells
143	Contemporary Art	4	3	D	BS	319	Rannells
BACTERIOLOGY							
Professor Morris Scherago, Head of Department, Biological Science, Room 103.							
UPPER DIVISION REQUIREMENTS (Junior and Senior Years)							
Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Biological Sciences (during the junior and senior years), including the major work.							
Requirements for a Major. Prerequisites: Chemistry 1a, 1b; Bacteriology 2b, or 52 or 102. Required: Three quarter hours in Seminar, plus an additional 20 quarter hours of advanced work in Bacteriology, including Bacteriology 125a, b.							
Medical Technology Course. A four-year course leading to the degree of B.S. in Medical Technology is offered which is designed to prepare men and women for positions in hospital laboratories, physicians' and surgeons' clinics, and federal, state and municipal laboratories and to fit the especially adapted student for either commercial or research laboratory work in Bacteriology. It also meets all the requirements of the United States Civil Service Commission for the rank of Junior Bacteriologist (30 credits in Bacteriology).							
The University of Kentucky is registered as an approved school for laboratory technicians by the Board of Registry of the American Society of Clinical Pathologists, and by the Council on Education of the American Medical Association. Graduates of this course who may desire to enter medical school will have all the requirements of the American Medical Association and the Association of American Medical Colleges for entrance to all Class A medical schools, provided they take two years of foreign language.							
*2a ₁	{ Elem. Microbiology, Lec. }	6		{ By Appt. }	D	BS	124 Weaver
*2a ₂	{ Elem. Microbiology, Lab. }			{ By Appt. }	D	BS	208 Hamann
*6a ₁ and b ₁	{ Bact. and Path. for Nurses, Lec. }	4, 4	7:00-8	D	BS	208	Scherago
*6a ₂ and b ₂	{ Bact. and Path. for Nurses, Lab. }		8-10:20	D	BS	125	Hannan
C56a ₁ and b ₁	{ Bacteriology of Foods, Lec. }	3, 3	9:50- 10:40	D	KH	B13	Weaver
C56a ₂ and b ₂	{ Bacteriology of Foods, Lab. }		10:40- 12:30	D	BS	207	Hannan
	The following courses not open to freshmen and sophomores:						
102 ₁	{ General Bacteriology, Lec. }	6	7-7:50	D	BS	125	Weaver
102 ₂	{ General Bacteriology, Lab. }		7:50- 9:40	D	BS	210	Knott

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
BACTERIOLOGY—Continued							
103 ₁	Pathogenic Bacteriology, Lec.)	6	{By Appt.	D	BS	125	Knott
103 ₂	Pathogenic Bacteriology, Lab.)		{By Appt.	D	BS	206	Knott
104	Applied Bacteriology, Lab.....	3	By Appt.	D	BS	206	Hannan
110a	Laboratory Diagnosis (1st half)	3	By Appt.	D	BS	206	Hamann
110b	Laboratory Diagnosis (2nd half)	3	By Appt.	D	BS	206	Hamann
111 ₁	General Pathology, Lec.	6	{By Appt.	D	BS	125	Scherago
111 ₂	General Pathology, Lab.		{By Appt.	D	BS	210	Scherago
115a-f	Independent Work, Lab.	4	By Appt.	D	BS		Hannan
120a, b, c	Hospital Lab. Practice, Lab.....	6, 4, 5	By Appt.	D	Hospital		
The following courses open to graduate students only:							
201a-f	Research in Bacteriology	5	By Appt.	D	BS		Scherago and Weaver
C206a ₁ and b ₁	{Bacteriology of Foods, Lec.}	3, 3	{By Appt.	D	KH	B13	Weaver
C206a ₂ and b ₂	{Bacteriology of Foods, Lab.}		{By Appt.	D	BS	207	Hannan

BOTANY

Professor Herbert P. Riley, Head of Department, Norwood Hall 105.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Biological Sciences during the junior and senior years including the major work.

Requirements for a Major. Prerequisites: Botany 1a, 1b. **Required:** A minimum of 30 quarter hours of advanced work in Botany, and the passing of a comprehensive examination in the senior year.

*8a	Introduction to Botany	4	3	M-F	NORH 202	Riley
An introductory lecture and demonstration course for students who have had no previous work in the plant sciences and who do not intend to major in Botany.						
*8b	Introduction to Botany	4	4	M-F	NORH 202	Riley
A continuation of Botany 8a. Both courses may be taken simultaneously.						

CHEMISTRY

Professor Laurence L. Quill, Head of Department, Kastle Hall 107

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Physical Sciences during the junior and senior years, including the major work.

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
CHEMISTRY—Continued							
<p>Requirements for a Major. Prerequisites: Chemistry 1a, b, 4, 8a, b, c. Required: Chemistry 127a, b, c, 131a, b, c, 103a and an additional 9 quarter hours of advanced Chemistry which must include at least 60 hours of lecture and 45 hours of laboratory; Mathematics 105a.</p> <p>The group requirements of the lower division for the College of Arts and Sciences (see page 29) and the other requirements for a major in Chemistry as outlined in the University catalog must also be fulfilled.</p> <p>Note.—For outline of the course leading to the degree of "B.S. in Industrial Chemistry" consult the University catalog.</p>							
*1a ₁	General Chemistry, Lec. and Rec.	5	8:00—	D	KH	201	
*1a ₂	General Chemistry, Lab.		8:50—				
7	Organic Chemistry (Prereq. Chemistry 1b or 2b)	6	1, 2	D	(KH	214)	Barkenbus
	The following courses not open to freshmen and sophomores:				(KH	215)	
103a	Qualitative Organic Analysis (Prereq. Chem. 127c or 20c) ..	4	By Appt.	D	KH	215	Barkenbus
103b	Qualitative Organic Analysis (Prereq. Chem. 103a)	3	By Appt.	D	KH	215	Barkenbus
106a	Synthetic Organic Chemistry (Prereq. Chem. 127c or 20c) ..	4	By Appt.	D	KH	215	Barkenbus
106b	Synthetic Organic Chemistry (Prereq. Chem. 106a)	3	By Appt.	D	KH	215	Barkenbus
107a	Selected Prob. in Quant. Analysis (Prereq. Chem. 109)	4	By Appt.	D	KH	113	Stewart
107b	Selected Prob. in Quant. Analysis (Prereq. Chem. 107a)	3	By Appt.	D	KH	113	Stewart
204a	Open only to graduate students: Organic Chemistry (Prereq. Chem. 103b or 106b)	4	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry (Prereq. Chem. 204a)	4	By Appt.	D	KH	215	Barkenbus
204c	Organic Chemistry (Prereq. Chem. 204b)	4	By Appt.	D	KH	215	Barkenbus
204d	Organic Chemistry (Prereq. Chem. 204c)	4	By Appt.	D	KH	215	Barkenbus
Full Quarter Only							
{2a ₁	General Chemistry for Engr., Lec. (50)	5	1:00—	MW	KH	201	
2a ₂	General Chemistry for Engr., Lab. (50)		1:50—				
{2a ₂ ₁	General Chemistry for Engr., Rec. (25)		2:50—	TTh	KH	101	
2a ₂ ₂	General Chemistry for Engr., Rec. (25)		1:00—	F	KH	200	
			1:00—	F	KH	205	

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
CHEMISTRY—Continued							
Full Quarter Only—Cont.							
{2b ₁	General Chemistry for Engr., Lec. 25)	5	{ 8:00- 8:50	MW	KH	201	
{2b ₂	General Chemistry for Engr., Lab. 25)		{ 8:00- 9:50				
{2b _{2,1}	General Chemistry for Engr., Rec. 25)	6	{ 8:00- 8:50	F	KH	200	
4	{ Qualitative Analysis, Lec. (Prereq. 1b or 2b)						
8a	{ Qualitative Analysis, Lab..... Quantitative Analysis, Lec. (Prereq. Chem. 4)	4	{ 8:00- 8:50	S	KH	111	Stewart
	{ Quantitative Analysis, Lab. ... Quantitative Analysis, Lec. (Prereq. 8a)		{ 1-3:50 8:00- 8:50				
8b	{ Quantitative Analysis, Lab... Chemistry for Nurses, Lec.-Rec.	4	{ 8:00- 8:50	W	KH	111	Stewart
	{ Chemistry for Nurses, Lab... Not open to freshmen or sophomores:		{ 1-3:50 TTh				
104	Synthetic Inorganic Chemistry (Prereq. Chemistry 150)	5	10 hrs.	By Appt.	KH	B1	
110	Interm. Physical Chemistry, Lec. (Prereq. Chemistry 131c)	4	10-10:50	{ MW } { ThF }	KH	B14	Bedford
111	Interm. Physical Chemistry, Lab. (Prereq. or concurrent, Chem. 110)	3	6 hrs.	By Appt.			
119b	Industrial Chemistry (Prereq. Chemistry 131c)	4	9-9:50	{ MW } { ThF }	KH	B14	Bedford
{131a ₁	{ Physical Chemistry, Lec. and Rec. (Prereq. Chem. 8c; Math. 20b; Physics 3a or concurrent)	5	{ 11:00- 11:50	{ MW } { ThF }			
{131a ₂	{ Physical Chemistry, Lab..... Advanced Inorganic Chem., Lec. (Prereq. Chem. 101b or 131b)		5	{ 10:00- 11:50	{ T	KH	B17
150 ₁		{ 3 hrs. By Appt.					
150 ₂	Advanced Inorganic Chem., Lab.		{ 4 hrs. By Appt.		KH	B1	

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

ECONOMICS

Economics Majors see Professor L. H. Carter, Commerce College.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Social Studies during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: Two courses in Economics, including Economics 1. **Required:** A minimum of 25 quarter hours of advanced work in Economics, including course 9, if not taken as a prerequisite, and Economics 102 or 130, 104 or 124, and 105; the remainder of credits to be selected from the Arts and Sciences list of Economics courses numbered above 100. In addition tutorial courses 16a, b must be taken in the senior year to prepare for the required comprehensive examination.

*2	Economic History of Europe....	4	3	M-F	WH	303	Jennings
*8	Economic Geography	4	1	M-F	WH	303	Jennings
1	Principles of Economics	5	2	D	WH	303	Carter
*7a	Principles of Accounting, Rec.	6	1	D	WH	306	Beals
	Principles of Accounting, Lab.			By Appt.	WH	306	Beals
	Not open to freshmen or sophomores:						
102	Labor Problems	4	4	M-F	WH	103	Carter
	Prereq. Com. 1.						

ENGLISH

Professor L. L. Dantzler, Head of Department, McVey Hall 213.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy and the Arts during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: English 1a, b; 3a, b. **Required:** A minimum of 27 quarter hours of advanced work in English, including English 100a, b.

*1a	English Composition	5	1	D	McVH	210	
3a	History of English Literature..	5	3	D	McVH	210	
7a	Elements of Public Speaking..	5	1	D	McVH	231	
20	Speech Training	5	2	D	McVH	231	
30	Business English	3	3	M-Th	McVH	206	
37	Stage Production in School and Community	3	2	M-Th	Guignol		Geiger
	Not open to freshmen and sophomores:						
133	The Development of American Realism	5	3	D	McVH	200	Knight
143	Edgar Allan Poe	5	3	D	McVH	230	Farquhar

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ENGLISH—Continued							
157	Teaching of Speech and Oral English	5	3	D	Guignol		Geiger
160	Theory and Technique of Acting	4	3	D	Guignol		Fowler
162	Theory and Technique of Theatre Producing	4	4	D	Guignol		Fowler
214a-d	Open only to graduate students: Seminar (New Course in American Drama)	5	{ 5	M-F	McVH	230	Farquhar
			} 1 hr. By	Appt.			
216a	Seminar (The Critical Period in American Literature, 1890-1900)	5	{ 4	MWF	McVH	200	Knight
			} 3 hrs. By	Appt.			
Full Quarter Only							
*C1a ₁	English Composition	4	8-8:50	M-F	McVH	206	
*C1a ₂	English Composition	4	9-9:50	M-F	McVH	200	
*C1b	English Composition	4	1-1:50	M-F	McVH	204	
GEOLOGY							
Professor A. C. McFarlan, Head of Department, Miller Hall 208.							
UPPER DIVISION REQUIREMENTS (Junior and Senior Years)							
Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Physical Sciences during the junior and senior years, including the major.							
Requirements for a Major. Required: Geology 10a, 10b, 10c, 30a, 30b, 30c, 31, 101a, 101b, 101c, 106a, 106b, 107a, 107b, 107c, 123a, 123b, 118a or 118b and 124a, 124b, 124c.							
*24a	Elements of Geography (Meteorology)	4	3	M-F	MH	203	Young
*14a	Elem. Field Geology	1	1-5 p.m.	W	MH	203	
*14c	Elem. Field Geology	1	1-5 p.m.	Th	MH	203	Young
*23a, b	Elementary Field Work in Regional Geology (Prereq., an elementary course in Geology)	3	Cumberland Gap and vicinity June 3 to June 20				McFarlan and Young
The following courses not open to freshmen and sophomores:							
C107a-d	Advanced Field Geology	4	By Appt.				McFarlan
118a-d	Field Work in Regional Geol...	3	June 3 to June 20				McFarlan and Young
120a	Geology of Kentucky (No prerequisite)	4	2	M-F	MH	203	McFarlan

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

GERMAN LANGUAGE AND LITERATURE

Professor A. E. Bigge, Head of Department, Administration 204.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration. Sixty quarter hours in the field of Literature, Philosophy, and the Arts, including the major work, in courses not open to freshmen.

Requirements of a Major. Prerequisites: Junior standing; 1a, 1b, 2a, 2b. **Required:** A minimum of 27 quarter hours of advanced work, independent of tutorial courses giving 8 quarter hours through the junior and senior years, and to pass a final comprehensive examination.

Note.—No credit is given when work done in High School is repeated. One year of High School language is considered the equivalent of one quarter of University language study. No credit will be given for German 1a until German 1b has been completed. No student should enroll in two beginning languages at the same time.

*1a	Elementary German	5	2	D	A	204	Bigge
*1b	Elementary German	5	2	D	A	204	Bigge
	(Prereq., German 1a)						
2a	Intermediate German	4	3	M-F	A	204	Bigge
	(Prereq., German 1b)						
2b	Intermediate German	4	3	M-F	A	204	Bigge
	(Prereq., German 2a)						
3a	Selected Readings	4	By Appt.	M-F	A	204	Bigge
	(Prereq., German 2b)						
	The following courses not open to freshmen and sophomores:						
102a	Twentieth Century Literature..	4	By Appt.	M-F	A	204	Bigge
	(Prereq., German 3b)						
105a-d	Independent Work in German....	4	By Appt.	M-F	A	204	Bigge

HISTORY

Professor T. D. Clark, Acting Head of Department, Frazee Hall 203.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Social Studies, during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: History 2a, 2b or 4a and 4b or 5a and 5b. **Required:** A minimum of 27 quarter hours of advanced courses in History. Should include the Senior Seminar.

*C4a	Modern Europe to French Rev.	4	1	M-F	FH	204	Lunde
*C4b	Modern Europe since French Revolution	4	3	M-F	FH	204	Lunde
*C5a	Hist. of U. S. to 1860.....	4	2	M-F	FH	204	Clark

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
HISTORY—Continued							
40	History of Kentucky	3	1	M-Th	FH	201	Clark
	The following courses not open to freshmen or sophomores:						
114	The Renaissance in the South..	4	3	M-F	FH	202	Tuthill
120	The Twentieth Century (Europe)	4	4	M-F	FH	202	Tuthill
C180b	History of the New South.....	3	4	M-Th	FH	204	Clark

HYGIENE AND PUBLIC HEALTH

Dr. J. S. Chambers, Head of Department, Health Bldg. 103.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration. Sixty quarter hours in the field of Biological Sciences and Social Studies (Sociology, Social Work, Psychology, Political Science), including the major work in courses not open to freshmen.

Requirements for a Major. Prerequisites: Sixteen quarter hours in Biological Sciences. **Required:** Bacteriology 103. A minimum of twenty-two quarter hours of advanced work in Hygiene and Public Health.

*9	Hygiene for Teachers	3	2	TWThF	HB	102	Heinz
51	Personal Health Problems	3	3	MTThF	HB	102	Heinz
	The following courses not open to freshmen or sophomores:						
C100a	Public Health	3	4	MTWTh	HB	102	Heinz
111a-d	Independent Work in Hygiene and Public Health	4	By Appt.		HB	104	Heinz

JOURNALISM

Professor Niel Plummer, Head of Department, McVey Hall 64.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in Field of Concentration. Sixty quarter hours in courses not open to freshmen, including the major work, in either the field of Social Studies or that of Literature, Philosophy, and the Arts during junior and senior years.

Requirements for a Major. Prerequisites: Journalism 2 and 20a, b. **Required:** Journalism 104a, b, 105, 106, 107, 108, 123a, b, 127, and 90.

The Degree of A.B. in Journalism: Three sequences leading to the degree of A.B. in Journalism are outlined in the general catalog.

Comprehensive Examinations: Majors and candidates for the degree in Journalism are required to pass a final comprehensive examination at the end of the senior year.

*2	Introduction to Journalism	3	3	M-Th	McVH	53	Plummer
10a	Survey of Journalism	4	3	M-F	McVH	54	McLaughlin
10b	Survey of Journalism	4	3	M-F	McVH	54	McLaughlin

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
JOURNALISM—Continued							
20a	News Reporting	5	2	D	McVH	54	Plummer
20b	News Reporting	5	2	D	McVH	54	Plummer
21	Etymology	4	4	M-F	McVH	53	Tucker
	The following courses not open to freshmen or sophomores:						
112	Critical Writing for the Press..	4	4	M-F	McVH	54	McLaughlin
125	Magazine Article Writing	4	3	M-F	McVH	50	Tucker

LIBRARY SCIENCE

Professor Mildred Semmons, Head of Department, University Library 313.

The Department of Library Science affords opportunity for students in the College of Arts and Sciences to gain the A.B. degree with Library Science as a major; for students in the College of Education to gain the A.B. in Education or B.S. in Education degree with Library Science as a second major. The graduate student receives the degree of Bachelor of Science in Library Science for completion of 45 quarter hours

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy and the Arts (or acceptable equivalent), including the major work.

Requirements for a Major. Prerequisites: Senior or graduate standing; good cultural background, especially in Literature, Language and the Social Sciences. Students desiring to enter Library Science courses should consult early in their college course with the Director concerning preparation for matriculation. Previous experience in library work and facility in the use of the typewriter are considered assets. **Required.** Forty-five quarter hours or full curriculum advised.

	The following professional courses open to senior and graduate students:						
128	Children's Literature	3	6	M-F	UL	314	Young
129b	Cataloging and Classification (Advanced) Prereq. 129a	4	1	D	UL	314	Semmons
132	Library Work with Children....	3	4	D	UL	314	Young
133b	Reference and Bibliography (Advanced) Prereq. 133a	4	2	D	UL	314	Semmons
138	Interpretation of Library Services. Prereq. 133a, 129a.....	3	5	M-F	UL	314	Wofford
144	Library Records and Methods..	3	7	M-F	UL	314	Young
150b	Book Selection (Adolescent Literature)	4	3	D	UL	314	Wofford

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

MATHEMATICS and ASTRONOMY

Dean Paul P. Boyd, Head of Department, Mathematics Office, McVey 120.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Physical Sciences during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: Courses 2, 17, 18, 19, 20a. **Required:** A minimum of 27 quarter hours of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis, and one in Application. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics.

*17	College Algebra	5	2	M-S	McVH	104	LeStourgeon
*19	Plane Analytic Geometry	5	1	M-S	McVH	104	LeStourgeon
20b	Integral Calculus	5	2	M-S	McVH	106	Latimer
The following courses not open to freshmen or sophomores:							
16a-d	Tutorial Work in Math.	1		By Appt.	McVH		Staff
	Adv. Course (to be selected)....	4	3	M-F	McVH	106	Latimer
110a-d	Ind. Work in Math.	4		By Appt.	McVH		Staff

Full Quarter Only

*3	Plane Trig. (Engr. 25, Others 5)	5	11-11:50	M-F	McVH	109	
*17 ₁	Col. Alg. (Engr. 25, Others 5)....	5	8-8:50	M-F	McVH	103	Eaves
*17 ₂	Col. Alg. (Engr. 25, Others 5)....	5	9-9:50	M-F	McVH	109	
*19	Pl. Analytic Geom. (Engr. 15, Others 15)	5	9-9:50	M-F	McVH	107	Brown
20a ₁	Diff. Calc. Engr. 30	5	9-9:50	M-F	McVH	103	Eaves
20a ₂	Diff. Calc. Engr. 30	5	10-10:50	} MTW } } ThS }	} McVH }	} 107 }	} Brown }
20a ₃	Diff. Calc. Engr. 30	5	11-11:50				
20b	Int. Calc., Engr. 30	5	9-9:50	M-F	McVH	100	Pence

MUSIC

Professor Carl A. Lampert, Head of Department, Art Center, Room 14.

Dr. Alexander Capurso, Executive Director, Art Center, Room 18.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy, and the Arts during the junior and senior years, including the major work. All candidates for the B.S. degree in Music are required to take part in either orchestra or glee club (credit is given for one if both are taken) for four years without credits. This also applies to music majors from other colleges.

Requirements for a Major. Prerequisites: Music 33a-b; Applied Music 9 quarter hours; Psychology 1. **Required:** A minimum of 24 quarter hours of advanced work in music to be selected from Music 4a-b; 12a-b; 13a-b; 19a-b; 26; 34a-b. Music 42 is required of all music majors with a comprehensive examination in the senior year.

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor	
MUSIC—Continued								
Note. —For graduate work in Music Education, see schedule of Education courses. FEES FOR APPLIED MUSIC. Tuition for applied music \$30 for 3 quarter hours. Organ practice fee \$5.00; Piano practice fee \$2.00; use of instruments for brass, woodwind, and string classes \$2.00 each.								
Applied Music								
*15a-1	Applied Music—Piano (3½ hr. lesson per week)	3	By	Appt.	AC	7		
*16a-1	Applied Music—Strings (3½ hr. lesson per week)	3	By	Appt.	AC	14	Lampert	
*17a-1	Applied Music—Voice (3½ hr. lesson per week)	3	By	Appt.	AC	12		
*18a-1	Applied Music—Organ (3½ hr. lesson per week)	3	By	Appt.	MeH	Aud.	Cullis	
Glee Club—Orchestra								
*39a-1	Glee Club—Mixed Chorus (Admittance by Prof. Lampert. No credit allowed for music majors)	1	3 p.m.	M-F	AC	19	Lampert	
*40a-1	Orchestra (Admittance by Prof. Capurso. No credit allowed for music majors)....	1	7 p.m.	M-Th	AC	8	Capurso	
Theory Courses								
*C33b	Elem. Theory, Sight-singing and Dictation—Lecture	5	2	{ MW ThFS T S }	AC	19	Horton	
	Laboratory							2
	Not open to lower division students:							3
4a	Public School Music (Not open to music majors. Open to all education majors)	3	2	M-Th	AC	17	Lewis	
4b	Public School Music (Not open to music majors. Open to all education majors)	3	3	M-Th	AC	17	Lewis	
7	Strings—Methods, Materials, and Technique	3	2	M-Th	AC	8	Lampert	
12b	Counterpoint	3	4	M-Th	AC	19	Horton	
13a	Form and Analysis	3	4	M-Th	AC	18	Capurso	
26	High School Methods	3	5	M-Th	AC	17	Lewis	
19a	History of Music (Mus. Majors only)	4	5	M-F	AC	18	Lampert	
20a	Survey of Musical Literature	3	3	M-Th	AC	18	Lampert	

* Open to freshmen—a, b, c courses open to freshmen; d, e, f courses for sophomores; g, h, i for juniors; and j, k, l for seniors.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

MATHEMATICS and ASTRONOMY

Dean Paul P. Boyd, Head of Department, Mathematics Office, McVey 120.
 UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Physical Sciences during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: Courses 2, 17, 18, 19, 20a. **Required:** A minimum of 27 quarter hours of advanced work in Mathematics, including one course in Algebra, one in Geometry, one in Analysis, and one in Application. Major students are required to enroll in tutorial courses during the junior and senior years and to pass a final comprehensive examination in Mathematics.

*17	College Algebra	5	2	M-S	McVH	104	LeSturgeon
*19	Plane Analytic Geometry	5	1	M-S	McVH	104	LeSturgeon
20b	Integral Calculus	5	2	M-S	McVH	106	Latimer
The following courses not open to freshmen or sophomores:							
16a-d	Tutorial Work in Math.	1		By Appt.	McVH		Staff
	Adv. Course (to be selected)....	4	3	M-F	McVH	106	Latimer
110a-d	Ind. Work in Math.	4		By Appt.	McVH		Staff

Full Quarter Only

*3	Plane Trig. (Engr. 25, Others 5)	5	11-11:50	M-F	McVH	109	
*17 ₁	Col. Alg. (Engr. 25, Others 5)....	5	8-8:50	M-F	McVH	103	Eaves
*17 ₂	Col. Alg. (Engr. 25, Others 5)....	5	9-9:50	M-F	McVH	109	
*19	Pl. Analytic Geom. (Engr. 15, Others 15)	5	9-9:50	M-F	McVH	107	Brown
20a ₁	Diff. Calc. Engr. 30	5	9-9:50	M-F	McVH	103	Eaves
20a ₂	Diff. Calc. Engr. 30	5	10-10:50	MTW } ThS }	McVH	107	Brown
20a ₃	Diff. Calc. Engr. 30	5	11-11:50	M-F	McVH	104	Pence
20b	Int. Calc., Engr. 30	5	9-9:50	M-F	McVH	100	Pence

MUSIC

Professor Carl A. Lampert, Head of Department, Art Center, Room 14.

Dr. Alexander Capurso, Executive Director, Art Center, Room 18.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy, and the Arts during the junior and senior years, including the major work. All candidates for the B.S. degree in Music are required to take part in either orchestra or glee club (credit is given for one if both are taken) for four years without credits. This also applies to music majors from other colleges.

Requirements for a Major. Prerequisites: Music 33a-b; Applied Music 9 quarter hours; Psychology 1. **Required:** A minimum of 24 quarter hours of advanced work in music to be selected from Music 4a-b; 12a-b; 13a-b; 19a-b; 26; 34a-b. Music 42 is required of all music majors with a comprehensive examination in the senior year.

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MUSIC—Continued							
Note. —For graduate work in Music Education, see schedule of Education courses. FEES FOR APPLIED MUSIC. Tuition for applied music \$30 for 3 quarter hours. Organ practice fee \$5.00; Piano practice fee \$2.00; use of instruments for brass, woodwind, and string classes \$2.00 each.							
Applied Music							
*15a-1	Applied Music—Piano (3½ hr. lesson per week)	3		By Appt.	AC	7	
*16a-1	Applied Music—Strings (3½ hr. lesson per week)	3		By Appt.	AC	14	Lampert
*17a-1	Applied Music—Voice (3½ hr. lesson per week)	3		By Appt.	AC	12	
*18a-1	Applied Music—Organ (3½ hr. lesson per week)	3		By Appt.	MeH Aud.		Cullis
Glee Club—Orchestra							
*39a-1	Glee Club—Mixed Chorus (Admittance by Prof. Lampert. No credit allowed for music majors)	1	3 p.m.	M-F	AC	19	Lampert
*40a-1	Orchestra (Admittance by Prof. Capurso. No credit allowed for music majors)	1	7 p.m.	M-Th	AC	8	Capurso
Theory Courses							
*C33b	Elem. Theory, Sight-singing and Dictation—Lecture	5	2 2 3	{ MW ThFS T S }	AC	19	Horton
	Laboratory						
Not open to lower division students:							
4a	Public School Music (Not open to music majors. Open to all education majors)	3	2	M-Th	AC	17	Lewis
4b	Public School Music (Not open to music majors. Open to all education majors)	3	3	M-Th	AC	17	Lewis
7	Strings—Methods, Materials, and Technique	3	2	M-Th	AC	8	Lampert
12b	Counterpoint	3	4	M-Th	AC	19	Horton
13a	Form and Analysis	3	4	M-Th	AC	18	Capurso
26	High School Methods	3	5	M-Th	AC	17	Lewis
19a	History of Music (Mus. Majors only)	4	5	M-F	AC	18	Lampert
20a	Survey of Musical Literature	3	3	M-Th	AC	18	Lampert

* Open to freshmen—a, b, c courses open to freshmen; d, e, f courses for sophomores; g, h, i for juniors; and j, k, l for seniors.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MUSIC—Continued							
114a	Instrumentation and Conducting	3	1	M-Th	AC	18	Capurso
115	Choral Methods and Conducting	3	4	M-Th	AC	17	Lewis
34b	Advanced Theory, Dictation and Keyboard Harmony—Lecture	5	3 4	{ MW ThFS TTh }	AC	19	Horton
	Laboratory						
The following courses open to graduate students only:							
215a-1	Applied Music—Piano (3½ hr. lesson per wk.)	3		By Appt.	AC	7	
217a-1	Applied Music—Voice (3½ hr. lesson per wk.)	3		By Appt.	AC	12	
For courses in Music education see Education page 68.							

PHILOSOPHY

Professor John Kuiper, Head of Department, Frazee Hall 103

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

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

Requirements for a Major. Prerequisites: Eight quarter hours in Philosophy. **Required:** A minimum of twenty-two quarter hours of advanced work in Philosophy; Philosophy 35a-b-c; and a comprehensive examination in the senior year.

31	Logic	4	2	M-F	FH	205	Kuiper
The following courses not open to freshmen and sophomores:							
120	Great Religions of the World....	4	4	M-F	FH	205	Kuiper
109a-d	Independent Work	4		By Appt.	FH	103	Kuiper

PHYSICAL EDUCATION

Professor C. W. Hackensmith, Acting Head of Department, Gymnasium Bldg. 7.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Biological Sciences, including the major work.

Requirements for a Major. Prerequisites: Physical Education: for men, 30, 31, 32, 33, 34, 35; for women, 30, 31, 32, 36, 37, 38; Zoology 1a, b. **Required:** Physical Education 123; 125; 60a, b, c; Anatomy and Physiology 4 and 5; Hygiene 7. Minimum on major, 22 quarter hours. Comprehensive examination in senior year.

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

PHYSICAL EDUCATION—Cont.

Note.—In meeting the physical education requirements, students must receive credit in a different activity course each quarter. Not over 9 quarter hours in activity courses are allowed for graduation. For teacher certification requirements, check with Dean of Education College and Head of Department of Physical Education.

42	Physical Education in the Elementary School	5	2	D	FH	201	Warren
	Not open to lower division students:						
129	Physical Education in the Secondary School	4	3	D	FH	105	Lancaster
149	Administration of Physical Education and Athletics	4	4	D	FH	105	Lancaster
	Open only to graduate students:						
200	Graduate Seminar in P. E.....	3	1	D	FH	105	Hackensmith
202	Problems Course in Contemporary Movements in Phys. Education	4	2	D	FH	105	Hackensmith
201a	Research in Phys. Education....	4	4	D	FH	204	Hackensmith
Full Quarter Only							
*1	Sports Skills and Physical Fitness	1	7	MWF	GA		Staff
*9	Softball	1	6	MWF	GA		Staff
*11	Tennis	1	5	MWF	GA		Staff

Recreative Activities. The following activities are offered without credit or additional tuition fees to regular summer quarter students during both terms. The activities are primarily designed for those who wish to acquire certain skill and teaching technique in the respective sports as well as to provide enjoyable recreational activities for the summer quarter. Students should sign up for the courses or course of their choice during the regular classification period or in the Physical Education office in the basement of the Alumni Gymnasium during the first week.

Note.—All recreational activities will be scheduled in the afternoons and early evening hours.

Archery	5	TTh	GA	A	Staff
Badminton	6	TTh	GA	B	Staff
Social Dancing	8-10:00 p.m.	MWF	BH		Staff
Tennis (Men and Women)	7	TTh	GA	B	Staff
Volley Ball (Men)	12-1:30 noon	MWF	GA	B	Staff
Bowling	5	MWF			Staff
Intramural Sports	7	D	MG		Staff

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

PHYSICS

Professor W. S. Webb, Head of Department, Pence Hall 101.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours of advanced work in the field of Physical Sciences, including the major work.

Requirements for a Major. Prerequisites: Physics 3a, 3b, 3c; Mathematics 17, 18, 19. **Required:** Mathematics 20a, 20b; Physics 125c, and a minimum of 22 quarter hours of advanced work in Physics; a comprehensive examination in the senior year.

*51	Introduction to Physics	3	3	D	PENCE	201	Webb
*7a	Gen. Elem. Phys.	7	1, 2	D	PENCE	309	Todd
Full Quarter Only							
3a ₁	} Gen. Col. Phys., Rec.	6	{ 8-8:50	MWFS	PENCE	103	Webb
3a ₁₁							
3a ₂	} Gen. Col. Phys., Rec.	6	{ 9-9:50	MTThS	PENCE	103	Pardue
3a ₂₁							
3a ₃	} Gen. Col. Phys., Rec.	6	{ 11-11:50	MThF	PENCE	309	Pardue
3a ₃₁							
3b ₁	} Gen. Col. Phys., Rec.	6	{ 8-8:50	MTThF	PENCE	303	Koppius
3b ₁₁							
Not open to lower division students:							
114 ₁	Vac. Tubes and Circuit Theory, Rec.	4	8-8:50	TThS	PENCE	206	Pardue
114 ₂	Vac. Tubes and Circuit Theory, Lab.		1-2:50	F	PENCE	3	Pardue
123a	Princ. of Thermodynamics	3	10-10:50	MWF	PENCE	103	Koppius

POLITICAL SCIENCE

Professor Amry Vandenbosch, Head of Department, Administration 202.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in Field of Concentration: Sixty quarter hours of advanced work in the field of Social Studies, during the junior and senior years, including the major work.

Requirements for a Major. Prerequisites: Political Science 15, 51. **Required:** At least one course in each of the five fields of Political Science; Political Science 190; minimum of 24 quarter hours of advanced work in Political Science; a comprehensive examination in the senior year.

*C15 ₁	Problems of Citizenship	4	2	M-F	A	301	Trimble
*51	American Government	5	{ 1 6	M-F	A	203	Shannon
				W			

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

POLITICAL SCIENCE—Continued

	Not open to freshmen or sophomores:						
C159a	American Constitutional Development	4	3	M-F	A	302	Trimble
C171b	Modern Political Theory	4	2	M-F	A	203	Shannon
	Full Quarter Only						
*15 ₂	Problems of Citizenship	5	11-11:50	M-F	A	203	McChesney

PSYCHOLOGY

Professor J. B. Miner, Head of Department, Neville Hall 106.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: The student may choose as his field of concentration either the Biological or the Social Science group of subjects. In either case, 22 of the 60 quarter hours in the field must be in courses in Psychology not open to freshmen

Requirements for a Major. Prerequisites: Psychology 1; 2a and 2b; 10; or an equivalent introductory course in Psychology. A major must also meet the above requirements in the field of concentration during the junior and senior years.

*1	Elementary Psychology	5	3	D	NH	112	Newbury
3	Individual Development	4	2	M-F	NH	206	Newbury
5	Psy. of Advertising and Selling	4	4	M-F	NH	112	
7	Psy. of the Child	4	3	M-F	HB	102	Asher
	The following courses not open to freshmen and sophomores:						
104	Social Psychology	4	1	M-F	NH	112	Dimmick
112	Personnel Administration	4	2	M-F	NH	112	Miner
115	Genetic Psychology	4	4	M-F	NH	206	Newbury
121	Student Personnel	4	4	M-F	NH	205	Miner
122	Personality Maladjustments	4	2	M-F	NH	205	Dimmick
120a-d	Independent Work in Psy.	3		By Appt.	NH	117	Staff
	The following courses open only to graduate students:						
203a-d	Problems in Psychology	3		By Appt.	NH	117	Staff
210a-d	Research in Psychology	5		By Appt.	NH	117	Staff

ROMANCE LANGUAGES

Professor Hobart Ryland, Head of Department, Miller Hall 301.

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in Field of Concentration: Sixty quarter hours of advanced work in the field of Literature, Philosophy and the Arts during the junior and senior years, including the major work.

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

ROMANCE LANGUAGES—Cont.

Requirements for a Major. Prerequisites: In French, R. L. 1a-b, 2a-b, 5a-b or 4a-b, 3a-b or 8a-b; in Spanish, R. L. 1a-b or 4a-b, 5a-b, 7a-b, 10a-b. **Required:** A minimum of 25 quarter hours in advanced work in Romance Languages; R. L. 80a, b, c. A comprehensive examination in the senior year.

*1a	Elementary French	5	3	M-S	MH	5	Holmes
*1b	Elementary French	5	3	M-S	MH	5	Holmes
*5a	Elementary Spanish	5	4	M-S	MH	108	Horsfield
2a	Intermediate French	4	3	M-F	MH	108	Horsfield
2b	Intermediate French	4	3	M-F	MH	108	Horsfield
6a	French Novel and Drama	4	3	M-F	MH	108	Horsfield
7a	Intermediate Spanish	4	2	M-F	MH	5	Holmes
7b	Intermediate Spanish	4	2	M-F	MH	5	Holmes
9a	Spanish Novel and Drama	4	2	M-F	MH	5	Holmes
9b	Spanish Novel and Drama	4	2	M-F	MH	5	Holmes
Not open to lower division students:							
114a, b, c, d, etc.	Independent Work	4		By Appt.			Staff

Note.—Language requirements in College of Arts and Sciences.

High School
 3 or more years languages
 2 years language study
 1 year language study or less

University
 Take 2 quarters in one language
 Take 4 quarters in one language
 Take 5 quarters in one language or
 4 quarters in one language and
 2 quarters in another language

If a language begun in High School is continued in the University, no credit will be given for duplicating High School work. One year of High School language study is considered the equivalent of one quarter of University language study. No credit for 1a or 5a until 1b or 5b is passed. Do not take two beginning languages at the same time.

SOCIOLOGY

Professor Harry Best, Head of Department, Frazee Hall 102

UPPER DIVISION REQUIREMENTS (Junior and Senior Years)

Requirements in the Field of Concentration: Sixty quarter hours in the field of Social Studies during the junior and senior years, including the major work, and in courses not open to freshmen.

Requirements for a Major. Prerequisites: Sociology 1, 2. **Required:** Minimum of 22 quarter hours in advanced work in Sociology; Sociology 20a, b. Comprehensive examination in the senior year.

1*	Principles of Sociology	5	1	D	FH	106	Best
Not open to lower division students:							
103	Criminology	4	2	M-F	FH	106	Best

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ZOOLOGY							
Professor W. D. Funkhouser, Head of Department, Biological Science Bldg. 13.							
UPPER DIVISION REQUIREMENTS (Junior and Senior Years)							
Requirements in Field of Concentration: Sixty quarter hours of advanced work in the field of Biological Sciences, during the junior and senior years, including the major.							
Requirements for a Major. Prerequisites: Junior standing; Zoology 1a, 1b, 1c. Required: Zoology 7a, b, or 157a, b; Zoology 106; Zoology 108a, b; Zoology 114a, b, c; a minimum of 24 quarter hours of work above 1a, b; passing a comprehensive examination before graduation.							
*1b ₁	General Zoology, Lec.	4	{ 3	M-F	BS	B8	Allen
*1b ₂	General Zoology, Lab.	{	4	M-F	BS	B9	Allen
12 ₁	Conservation of Wild Life.....	4	{ 2	MTThF	BS	B8	Allen
12 ₂	Conservation of Wild Life	{	4 hrs. lab. by appt.		BS	B9	Allen
Not open to freshmen or sophomores:							
101a	Histology	4	1, 2	M-F	BS	127	Brauer
108b	Principles of Zoology (Heredity)	3	4	D	BS	200	Funkhouser
160	Ontogeny	3	3	M-F	BS	125	Brauer

* Open to freshmen.

FIRST TERM—SUMMER 1943
COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
AGRICULTURAL ENTOMOLOGY							
2	Apiculture	4	3	D	Agr	103	Townsend
104	Economic Entomology: Farm Crop Insects and Animal Parasites	4	1	D	Agr	103	Townsend
AGRONOMY							
1	Elementary Farm Crops	5	5, 6	M-F	Agr	304	Fergus
ANIMAL INDUSTRY							
41	Farm Poultry Production	4	4	D	D	109	McConnell
61	Genetics	4	2	M-F	D	109	Steele
120	Dairy Cattle Breeding	4	5, 6	M-F	D	113	Ely
	(July 3-21)						
ANIMAL PATHOLOGY							
103	Animal Hygiene	4	5, 6	M-F	AE	106	Dimock, Hull
	(June 14-July 2)						
FARM ECONOMICS							
1	Agricultural Economics	5	2	D	Agr	4	Bradford
110	Farm Management	4	4	M-F	Agr	4	Bradford
FARM ENGINEERING							
1	Mechanics of the Farmstead.....	4	3	D	AE	201	Kelley
101c	Special Problems (Farm Machinery)	4	2, 3, 4	D	AE	106	Young
	(July 3-21)						
HORTICULTURE							
105	Pomology: Small Fruits	3	5, 6	M-F	Agr	301	Waltman
	(June 14-July 2)						
120	Landscape Gardening	3	3, 4	M-F	Agr	202	Elliott
	(June 14-July 2)						
110	Principles of Vegetable Gardening	3	5, 6	M-F	Agr	202	Emmert
	(July 3-21)						

FIRST TERM—SUMMER 1943
COLLEGE OF AGRICULTURE AND HOME ECONOMICS—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MARKETS AND RURAL FINANCE							
100	Marketing	4	1	M-F	Agr	4	Brown
HOME ECONOMICS							
5	Foods	5	2, 3	D	HE	200	Barkley
25	Textiles	3	1	M-F	HE	203	Latzke
42	Institution Foods	6	3, 4	D	SU	Caf.	Helton
102	Dietetics	6	3, 4	D	HE	204	Grundmeier
103a	Public School Nutrition	2	6	TTh	HE	204	Grundmeier
111	Advanced Nutrition	6	3, 4	D	HE	102, 105	Taylor
125	Advanced Textiles	3	5	T-F	HE	203	Latzke
137	Advanced Clothing Problems..... (No prerequisite)	4	3, 4	M-F	HE	203	Seeds
141	Institution Org. and Adm.	4	2	D	HE	9	Helton
152 ₁	Child Care and Development, Lec.	5	6	T-F	HE	1	Mumford
152 ₂	Child Care and Development, Lab.			By Appt.			Mumford
153 ₁	Advanced Child Development, Lec.	4	1	MWF	HE	1	Beiter
153 ₂	Advanced Child Development, Lab.			By Appt.			Beiter
156	Play and Play Materials	3	1 6	TThS M	HE	1	Beiter
162a	Home Management and Family Relationships	4	2	M-F	HE	1	Deephouse
162b	Home Management and Family Relationships, Lab.	5		By Appt.			Deephouse
The following course open to graduate students only:							
237a	Seminar in Textiles and Clothing	3	6	T-F	HE	202	Seeds

**COLLEGE OF ENGINEERING
SUMMER QUARTER 1943**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
APPLIED MECHANICS							
Full Quarter Courses							
2	Mechanisms	3	11-11:50	MWF	Eng	236	Hawkins
3	Statics	5	11-11:50	M-F	Eng	201	Backer
4	Dynamics	3	8-8:50	MWF	Eng	236	Backer
100	Strength of Materials (other than Mechanicals)	5	9-9:50	M-F	Eng	201	Hawkins
104	Strength of Materials (Mech.)	5	10-10:50	} MTW } } ThS }	} Eng }	} 201 }	} Backer }
106	Adv. Strength of Materials.....	5	8-8:50				
ENGINEERING DRAWING							
Full Quarter Courses							
1a	Elem. Engineering Drawing	2	3-4:50	MWF	Eng	216	Nollau
1b ₁	Elem. Engineering Drawing and Descriptive Geometry, Lec.	2	8-8:50	MW	Eng	205	Nollau
1b ₁₁	Elem. Eng. Drawing and Descriptive Geometry, Dr. Room						
12	Graphical Computations	3	9 hrs. By	Appt.	Eng	216	Nollau
18	Adv. Engineering Drawing	3	9 hrs. By	Appt.	Eng	216	Nollau
STUDENT ASSEMBLIES							
Full Quarter Courses							
1a	Introduction to Engineering.....	0	3	F	MeH		Horine
1b	Introduction to Engineering.....	0	3	F	MeH		Horine
3a ₁	Class Society (Civ.), Sophs.....	0	3	F	Eng	205	Chambers
3a ₂	Class Society (Elec.), Sophs....	0	3	F	Eng	232	Bureau
3a ₃	Class Society (Mech.), Sophs....	0	3	F	McVH	111	Jett
3a ₄	Class Society (Met. and Min.), Sophs.	0	3	F	Eng	240	Crouse
4a ₁	Class Society (Civ.), Junior.....	0	3	F	Eng	205	Chambers
4a ₂	Class Society (Elec.), Junior....	0	3	F	Eng	232	Bureau
4a ₃	Class Society (Mech.), Junior....	0	3	F	McVH	111	Jett
4a ₄	Class Society (Met. and Min.), Junior	0	3	F	Eng	240	Crouse
5a ₁	Class Society (Civ.), Senior	0	3	F	Eng	205	Chambers
5a ₂	Class Society (Elec.), Senior....	0	3	F	Eng	232	Bureau
5a ₃	Class Society (Mech.), Senior....	0	3	F	McVH	111	Jett
5a ₄	Class Society (Met. and Min.), Senior	0	3	F	Eng	240	Crouse
STUDY HALL							
	For Freshmen in Engineering....	0	10 hrs. a week		Eng	200	Horine

COLLEGE OF ENGINEERING—Continued
SUMMER QUARTER 1943

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
CIVIL ENGINEERING							
Full Quarter Courses							
12 ₁	Plane Surveying, Rec.	4	3 hrs. Rec. 3 hrs. Lab.	By Appt.	Eng	205	Shaver
12 ₁₁	Plane Surveying, Fd. Work.....						
13 ₁	Advanced Surveying, Rec.						
13 ₁₁	Advanced Surveying, Fd. Work	4	3 hrs. Rec. 3 hrs. Lab.	By Appt.	Eng	205	Shaver
18	Mapping and Topographic Drawing						
31	Highway Location, Const. and Maintenance	3	9 hrs. By	Appt.	Eng	216	Shaver
32	Streets and Pavements	3	3 hrs. By	Appt.	Eng	206	Chambers
36	Bituminous Materials	2	4 hrs. By	Appt.	Eng	108	Chambers
81	Testing Materials	2	4 hrs. By	Appt.	Eng	108	Chambers
102	Reinforced Concrete	4	4 hrs. By	Appt.	Eng	206	Terrell
104	Reinforced Conc. Design	1	2 hrs. By	Appt.	Eng	216	Terrell
120	Hydraulics	3	3 hrs. By	Appt.	Eng	214	Cheek
122	Water Power Engineering	3	3 hrs. By	Appt.	Eng	214	Cheek
123	Hydraulics Laboratory	2	4 hrs. By	Appt.	Eng	108	Cheek
ELECTRICAL ENGINEERING							
Full Quarter Courses							
11	Electrical Laboratory	1	3-4:50	F	Eng	130	Barnett
21	Principles of Electrical Engineering	6	8-8:50 1-2:50	M-F M	Eng	232 130	Bureau
102	Electrical Machinery						
105 ₁	D. C. Circuits and Machinery, Rec.	6	10-10:50 1-3:50	M-Th W	Eng	235 130	Barnett
105 ₁₁	D. C. Circuits and Machinery, Lab.						
107 ₁	Electrical Control, Rec.	4	3 hrs. By 8-9:50	Appt. S	Eng	232 130	Bureau
107 ₁₁	Electrical Control, Lab.						
110b	Electrical Laboratory	1	1-2:50	Th	Eng	130	Barnett
116 ₁	Alternating Current Machinery, Rec.	5	8-8:50 10-10:50 4-4:50	MWF S T	Eng	234 130	Barnett
116 ₁₁	Alternating Current Machinery, Lab.						
131a	Electrical Communication Eng.						
151b	Electrical Engineering Seminar	1	9-9:50	TTh	Eng	233	Staff

**COLLEGE OF ENGINEERING—Continued
SUMMER QUARTER 1943**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MECHANICAL ENGINEERING							
Full Quarter Courses							
15a	Manufacturing Processes	3	{ 2 4-hr. periods }		Eng	110c	Meyer
			By Appt.				
15b	Manufacturing Processes	3	{ 2 4-hr. periods }		Eng	110c	Meyer
			By Appt.				
15c	Manufacturing Processes	3	{ 2 4-hr. periods }		Eng	110c	Meyer
			By Appt.				
100a	Machine Design	4	12 hrs. By Appt.		Eng	216	Walton
100b	Machine Design	4	12 hrs. By Appt.		Eng	216	Walton
101	Mech. Engineering Design.....	4	12 hrs. By Appt.		Eng	216	Walton
104a	Engineering Thermodynamics..	4	9-9:50	MThF	Eng	235	Walton
104b	Engineering Thermodynamics..	3	11-11:50	MWF	Eng	235	Walton
105	Steam Power Plant Equipment	4	10-10:50	M-Th	Eng	236	West
106b	Heating, Ventil. and Air Con- ditioning	3	9-9:50	MWF	Eng	202	May
108	Internal Combustion Engines....	5	8-8:50	M-F	Eng	202	Meyer
109	Refrigeration	5	10-10:50	{ MTW }			
				ThS }	Eng	202	May
112a	Mechanical Laboratory	2	1-4:50	T	Eng	131	Walton
113b	Mechanical Laboratory	2	1-4:50	Th	Eng	131	West
121	Machine Design (Elec.)	3	9 hrs. By	Appt.	Eng	216	Walton
122a	Mechanical Engineering Seminar	1	1-2:50	F	Eng	233	May
METALLURGICAL ENGINEERING							
Full Quarter Courses							
36	Physical Metallurgy and Heat Treatment of Metals and Alloys	4	{ 8-8:50 }	TThS	Eng	240	Crouse
			1-3:50	T	ML		
60	Metallurgical Laboratory and Shop Practice	5	1-4:50	MWF	ML		Staff
121	Fuel and Met. Laboratory	2	{ 8-11:50 }	S	ML		Beebe
			3-4:50	F			
128	Met. of Non-Ferrous Metals	4	9-9:50	M-Th	Eng	240	Crouse
132a	Met. Calculations	4	11-11:50	M-Th	Eng	240	Crouse
142a	Heat Treatment	3	{ 10-10:50 }	TTh	Eng	240	Crouse
			1-3:50	Th	ML		
143a	Physics of Metals	4	{ 8-8:50 }	MWF	Eng	237	McGuire
			1-3:50	W	ML		
166a	Extractive Metallurgy	5	11-11:50	M-F	Eng	237	Crouse
167	Extractive Met. Plant Practice	2	1-3:50	MT	ML		Crouse
175a	Seminar	1	1-2:50	F	Eng	238	Staff

**FIRST TERM—SUMMER 1943
COLLEGE OF LAW**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
C182	Defense Legislation and Military Law	2 $\frac{1}{2}$	8-8:50	T-S	Law	100	Roberts
C150	Public Utilities	2 $\frac{1}{2}$	9-9:50	M-F	Law	100	Moreland
C178	Creditors' Rights	2 $\frac{1}{2}$	10-10:50	T-S	Law	100	Roberts
152	Oil and Gas	2 $\frac{1}{2}$	11-11:50	M-F	Law	100	Moreland

**FIRST TERM—SUMMER 1943
COLLEGE OF EDUCATION**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ADMINISTRATION							
	Standing of 1.0 required for admission to the following courses:						
101	School Organization	5	1	D	E	222	Seay
198	The Administration of Pupil Personnel (June 14-July 2)....	4	2, 3	D	McVH	204	Walton
	The following courses open only to graduate students:						
212	The Elementary School	5	2	D	E	Kdg	Duncan
232	High School Administration	4	3	M-F	E	Kdg	Ligon
AGRICULTURAL EDUCATION							
	Standing of 1.0 required for admission to the following course:						
179	Determining Content in Vocational Agriculture	4	By	Appt.	E	226	Hammonds
	The following courses open only to graduate students:						
280	Methods of Teaching Vocational Agriculture (July 1-21)	4	By	Appt.	Agr	205	Hammonds
287b	Selecting Teaching Materials..	4	By	Appt.	E	226	Armstrong
287e	Teaching Farm Shop	4	By	Appt.	Agr	205	Tabb
	(June 14-30)						
BUSINESS EDUCATION							
	Standing of 1.0 required for admission to the following courses:						
158a	Teaching Secretarial Subjects..	3	2	M-F	WH	301	
184	Teaching Office Appliances	3	5	M-F	WH	207	
C192	Teaching General Business	3	4	M-F	WH	201	
	The following courses open only to graduate students:						
208a-d	Problems in Business Education	4	3	M-F	WH	201	Lawrence
257a, b	Seminar in Business Education	1	2, 3	S	WH	201	Lawrence
C259	The Commerce Curriculum	4	2	M-F	WH	201	Lawrence

FIRST TERM—SUMMER 1943
COLLEGE OF EDUCATION—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
DISTRIBUTIVE OCCUPATIONS							
	Standing of 1.0 required for admission to the following courses:						
112	Determining Teaching Content in Distributive Occupations..	4		By Appt.	McVH	207	Baker
115a	Problems in Distributive Education	4		By Appt.	McVH	207	Baker
116	Problems of the Coordinator in Distributive Occupations	4		By Appt.	McVH	207	Baker
EDUCATIONAL PSYCHOLOGY							
	Standing of 1.0 required for admission to the following courses:						
16	Educational Psychology (for music majors only)	5	3	D	AC	18	Capurso
C118	Educational Tests and Measurements for Elementary Teachers	5	3	D	E	222	Ross
122	Educational Tests and Measurements for High School Teachers	5	3	D	E	222	Ross
	The following course open only to graduate students:						
223	Educational Statistics	5	1	D	E	118	Ross
ELEMENTARY EDUCATION							
	Standing of 1.0 required for admission to the following courses:						
*C133	Directed Teaching in the Elementary School	9	{ 8:00- 12:00- 2:00- 3:00 }	D	E	136	Duncan and Trng. Tchrs.
C173	Teaching Literature to Children	4	4	M-F	E		Kdg Duncan
C196	Science in the Elementary School	4	2:00-3:15	D	E	131	E. Adams
	The following course open only to graduate students:						
212	The Elementary School	5	2	D	E	Kdg	Duncan

* Application should be made in advance in order that prerequisites may be checked.

FIRST TERM—SUMMER 1943
COLLEGE OF EDUCATION—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
HISTORY OF EDUCATION							
The following courses open only to graduate students:							
201a	Early History of Education in the United States	4	1	M-F	E	122	Patrick
219	Great Educators and Their Work	4	3	M-F	E	122	Patrick
237a, b	Research in History of Education	4		By Appt.	E	233	Patrick
HOME ECONOMICS EDUCATION							
The following courses open only to graduate students:							
226a, b	Problems of the Secondary School Curriculum	4		By Appt.	E	104	Home Economics Staff
INDUSTRIAL EDUCATION							
Standing of 1.0 required for admission to the following courses:							
71	Trade Analysis and Course Planning (June 14-July 2)	4	2, 3	D	HB	205a	Hankins, Crumpton
77	Shop Management Problems (July 3-21)	3	2, 3	D	A	205	May, Hankins
171a	Principles and Philosophy of Industrial Education (July 3-21)	3	2, 3	D	HB	205a	Hankins, Crumpton
183	Methods in Industrial Education (June 14-July 2)	4	2, 3	D	A	205	May, Hankins
MUSIC EDUCATION							
The following course open only to graduate students:							
251	Problems in Public School and Community Music	5	2	D	AC	18	Capurso

FIRST TERM—SUMMER 1943
COLLEGE OF EDUCATION—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
PHILOSOPHY OF EDUCATION							
	Standing of 1.0 required for admission to the following course:						
114	Educational Sociology	4	4	M-F	E	233	Patrick
	The following courses open only to graduate students:						
200b	Philosophy of Education	4	3	M-F	E	131	Adams, J. E.
205b	Review of Current Educational Literature	4	4	M-F	E	222	Adams, J. E.
222	Methodology of Educational Research	4	4	M-F	E	131	Taylor
227a	Principles of Curriculum Construction	4	2	M-F	E	131	Adams, J. E.
SECONDARY EDUCATION							
	Standing of 1.0 required for admission to the following courses:						
105	Fundamentals of Secondary Education	4	2	M-F	E	222	Ligon
	The following courses open only to seniors and graduate students:						
153 ₁	Directed Teaching in English..	9		By Appt.	E	107	Anderson
153 ₂	Directed Teaching in English..	9		By Appt.	E	101	Belser
154 ₁	Directed Teaching in Languages	9		By Appt.	E	208	Topham
154 ₂	Directed Teaching in Languages	9		By Appt.	E	108	West
155	Directed Teaching in the Sciences	9		By Appt.	E	204	Mercer
156	Directed Teaching in Mathematics	9		By Appt.	E	211	Mercer
157 ₁	Directed Teaching in the Social Studies	9		By Appt.	E	207	Peck
157 ₂	Directed Teaching in the Social Studies	9		By Appt.	E	201	Shipman
193	Directed Teaching in Business Education	9		By Appt.	E	134	Humphreys
	The following course open only to graduate students:						
232	High School Administration	4	3	M-F	E	Kdg	Ligon

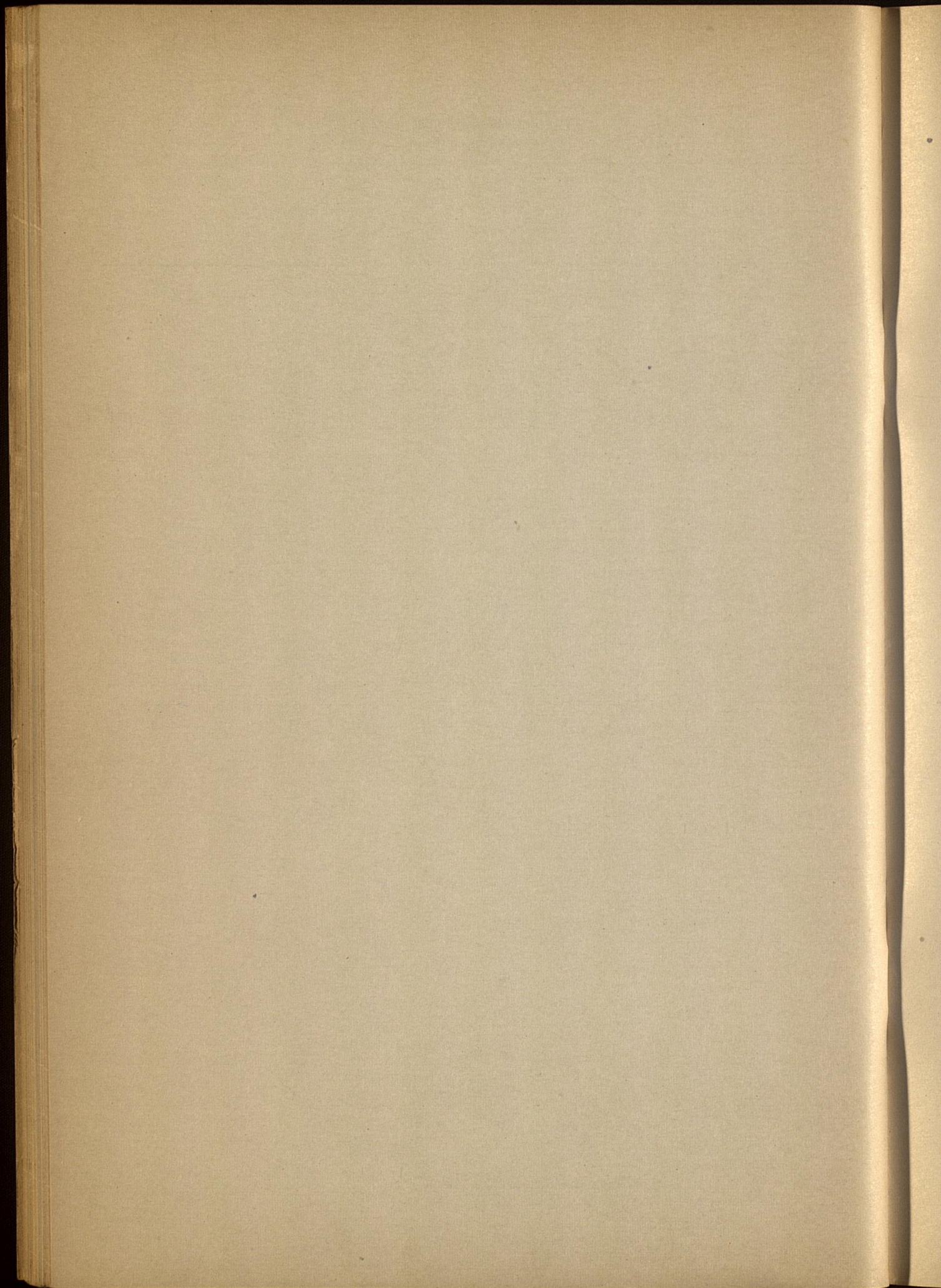
**FIRST TERM—SUMMER 1943
COLLEGE OF COMMERCE**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
1	Principles of Economics	5	2	D	WH	303	Carter
*2	Economic History of Europe	4	3	M-F	WH	303	Jennings
*7a	Principles of Accounting, Rec...	6	1	D	WH	306	Beals
	Principles of Accounting, Lab...			By Appt.	WH	306	Beals
*8	Economic Geography	4	1	M-F	WH	303	Jennings
*†13a	Secretarial Practice, Shorthand	4	1	M-F	WH	101	Thomas
	Prereq. or concurrent, Eng. 1a						
13b	Secretarial Practice, Shorthand	4	1	M-F	WH	301	
14a	Adv. Secretarial Practice	4	2	M-F	WH	301	Thomas
*17a	Secretarial Practice, Type-						
	writing	3	3	D	WH	301	
	Prereq. or concurrent, Eng. 1a						
17b	Secretarial Practice, Type-						
	writing	3	4	D	WH	301	
102	Labor Problems	4	4	M-F	WH	103	Carter
	Prereq. Com. 1						
106a	Intermediate Accounting	4	3	M-F	WH	306	Beals
	Prereq. Com. 7a and 7b						
109a	Business Law	4	3	M-F	WH	103	Murray
117	Corporation Finance	4	2	M-F	WH	103	Palmer
	Prereq. Com. 1						
145	Office Management	4	4	M-F	WH	101	
151	Secretarial Statistics	4	3	D	WH	401	Palmer
	Prereq. Com. 17a						

* Open to freshmen.

† No credit given for 13a until 13b is completed.

SECOND TERM



**SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ANATOMY AND PHYSIOLOGY							
1b	General Physiology	4	2	M-F	BS	313	Brown
	The following courses are not open to freshmen and sophomores:						
105	Architecture of the Human Skeleton (No prerequisite)....	5	3	D	BS	306	Allen
106	Introduction to Endocrinology (Designed for Teachers)	4	4	M-F	BS	313	Allen
C108b	Advanced Physiology (Lec. and Lab.)	5	3	D	BS	{313} {307}	Brown
	The following course is open to graduate students only:						
201b	Research in Physiology	6	By Appt.	D	BS	{304a} {305a}	Staff
	For degree requirements, see first term schedule.						
ANCIENT LANGUAGES							
*C1b	Beginning Latin, second half....	4	1	M-F	A	303	Jones
*C2, *C3, *C4b, *C5, *C6b, *C51b	Caesar and Sel., Cicero and Sel., Vergil, Livy, Horace, Beginning Greek, 2nd half.....	4	2	M-F	A	303	Jones
	The following courses not open to freshmen or sophomores:						
C122b	Greek Literature in English Translation (Drama, Oratory, Philosophy)	4	3	M-F	A	303	Jones
	(Does not count as foreign language requirement.)						
C150b	Teacher's Course in Latin (Based on second year work)	4	3	M-F	A	303	Jones
	For degree requirements, see first term schedule.						
ANTHROPOLOGY AND ARCHAEOLOGY							
	Not open to freshmen or sophomores:						
106	Ethnology of Europe	3	3	D	BS	B3	Funkhouser

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ART							
10b	Public School Art	3	4	M-Th	E	170	Haines
	For degree requirements, see first term schedule.						
BACTERIOLOGY							
*2b ₁	Elem. Microbiology, Lec.....	6	By Appt.		BS	124	Weaver
*2b ₂	Elem. Microbiology, Lab.		BS	208	Hamann		
*6a ₁ and b ₁	Bacteriology and Path. for Nurses, Lec.	4, 4	{ 7:00-}	D	BS	208	Scherago
*6a ₂ and b ₂			{ 8:00-}				
	Bacteriology and Path. for Nurses, Lab.		{ 8:00-}	D	BS	124	Knott
*57a ₁ and b ₁	Bacteriology of Water and Sewage, Lec.	4, 2	{ 9:50-}	D	KH	B13	Weaver
57a ₂ and b ₂			{ 10:40-}				
	Bacteriology of Water and Sewage, Lab.		{ 10:40-}	D	BS	207	Weaver
	The following courses not open to freshmen and sophomores:						
102 ₁	General Bacteriology, Lec.	6	{ 7:00-}	D	BS	124	Scherago
102 ₂	General Bacteriology, Lab.		{ 7:50-}				
104	Applied Bacteriology, Lab.	3	By Appt.	D	BS	207	Hannan
110c	Laboratory Diagnosis, Lab.	3	By Appt.	D	BS	206	Hamann
115a-f 120a, b, c	Independent Work	4	By Appt.	D	BS	206	Hannan
	Hospital Lab. Practice, Lab....	{ 6, 4, 5	By Appt.	D	Hospital		Hannan
125a ₁	Immunology and Serology, Lec., 1st half of term.....	5	{ 8:00-}	D	KH	B14	Scherago
125a ₂			{ 8:50-}				
	Immunology and Serology, Lab.		{ 11:30	D	BS	206	Knott
125b ₁	Immunology and Serology, Lec., 2nd half of term.....	3	{ 8:00-}	D	KH	B14	Scherago
125b ₂			{ 8:50-}				
	Immunology and Serology, Lab.		{ 11:30	D	BS	206	Knott
	The following courses open only to graduate students:						
201a-f	Research in Bacteriology	5	By Appt.	D	BS		Scherago and Weaver
207 ₁	Bacteriology of Water and Sewage, Lec.	6	2	D	KH	B13	Weaver
207 ₂			Bacteriology of Water and Sewage, Lab.	3	D	BS	207
	For degree requirements, see first term schedule.						

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
CHEMISTRY							
*1b ₁	General Chemistry, Lec. and Rec.	5	{ 8:00— 8:50 }	D	KH	201	
*1b ₂	General Chemistry, Lab.						
{ C20b	Organic Chemistry (Prereq. Chem. 7 or 20a)	3	1, 2, 3	D	KH	{ 214 } { 217 }	Barkenbus
{ 20c	Organic Chemistry (Prereq. 20b) Summer—No credit in 20b unless 20c is passed the same term	5	1, 2, 3	D	KH	{ 214 } { 215 }	Barkenbus
	Not open to freshmen or sophomores:						
103a	Qualitative Organic Analysis (Prereq. Chem. 127c or 20c) ..	4	By Appt.	D	KH	215	Barkenbus
103b	Qualitative Organic Analysis (Prereq. Chem. 103a)	3	By Appt.	D	KH	215	Barkenbus
106a	Synthetic Organic Chemistry (Prereq. Chem. 127c or 20c) ..	4	By Appt.	D	KH	215	Barkenbus
106b	Synthetic Organic Chemistry (Prereq. Chem. 106a)	3	By Appt.	D	KH	215	Barkenbus
107a	Selected Prob. in Quant. Analysis (Prereq. Chem. 109)	4	By Appt.	D	KH	113	Stewart
107b	Selected Prob. in Quant. Analysis (Prereq. Chem. 107a)	3	By Appt.	D	KH	113	Stewart
109	Quantitative Analysis (Prereq. Chem. 8c or consent of instructor)	5	By Appt.	D	KH	{ 111 } { 113 }	Stewart
{ C127b	Organic Chemistry (Prereq. Chem. 7, or 20a, or 127a)	3	1, 2, 3	D	KH	{ 214 } { 215 }	Barkenbus
{ 127c	Organic Chemistry (Prereq. Chem. 127b) Summer—No credit in 127b unless 127c is passed the same term	5	1, 2, 3	D	KH	{ 214 } { 215 }	Barkenbus
	Open only to graduate students:						
202a	Quantitative Analysis	4	By Appt.	D	KH	113	Stewart
202b	Quantitative Analysis (Prereq. Chemistry 202a)	4	By Appt.	D	KH	113	Stewart
204a	Organic Chem. (Prereq. 103b or 106b)	4	By Appt.	D	KH	215	Barkenbus
204b	Organic Chemistry (Prereq. Chem. 204a)	4	By Appt.	D	KH	215	Barkenbus
204c	Organic Chemistry (Prereq. Chem. 204b)	4	By Appt.	D	KH	215	Barkenbus
204d	Organic Chemistry (Prereq. Chem. 204c)	4	By Appt.	D	KH	215	Barkenbus
	For degree requirements, see first term schedule.						

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ECONOMICS							
*3	Economic History of U. S.	4	4	M-F	WH	303	Jennings
*12	Economic Geography of West. Hemp.	4	3	M-F	WH	303	Carter
7b	Principles of Accounting, Rec.}	5	1	D	WH	306	Beals
	Principles of Accounting, Lab.}						
15	Applied Economics	4	4	M-F	WH	101	Sullivan
	Not open to freshmen or sophomores:						
104	Public Finance	4	3	M-F	WH	101	Martin
	Prereq. Com. 1.						
105	Money and Banking	4	4	M-F	WH	103	Carpenter
	Prereq. Com. 1.						
114	War Economics	4	2	M-F	WH	303	Carpenter
	Prereq. Com. 1.						
150	Business Statistics	3	2	M-Th	WH	401	Palmer
	Prereq. Math. 24.						
	For degree requirements, see first term schedule.						
ENGLISH							
*1b	English Composition	5	1	D	McVH	210	
3b	History of English Literature....	5	3	D	McVH	210	
	The following courses not open to freshmen or sophomores:						
107b	Victorian Poets	5	3	D	McVH	204	Brady
130a	Comparative Literature	5	2	D	McVH	204	Brady
170b	Backgrounds of Modern Literature	5	4	D	McVH	206	Gallaway
	Open only to graduate students:						
213a-d	Seminar	5	3	D	McVH	206	Gallaway
	For degree requirements, see first term schedule.						
GEOLOGY							
*24b	Elements of Geography (Physiography)	4	3	M-F	MH	203	Young
*14b	Elem. Field Geology	1	1-5 p.m.	W	MH	203	
	(No prerequisite)						
	For degree requirements, see first term schedule.						

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
GERMAN LANGUAGE AND LITERATURE							
*1a	Elementary German	5	2	D	A	205	
*1b	Elem. German (Prereq. 1a).....	5	2	D	A	205	
2a	Intermediate German	4	3	M-F	A	205	
	(Prereq. 1b)						
2b	Intermediate German	4	3	M-F	A	205	
	(Prereq. 2a)						
3b	Selected Readings	4		By Appt.	A	205	
	(Prereq. 3a)						
	The following courses not open to freshmen and sophomores:						
101b	Nineteenth Century Literature	4		By Appt.	A	205	
	(Prereq. 3b)						
105a-d	Independent Work in German....	4		By Appt.	A	205	
	For degree requirements, see first term schedule.						
HISTORY							
*1b	The Ancient World (Greece)....	3	4	M-Th	FH	202	Dupre
*C2b	History of British People since the Restoration	4	2	M-F	FH	201	Hall
*C4b	Modern Europe since the French Revolution	4	1	M-F	FH	202	Dupre
*C5b	History of U. S. since 1860.....	4	3	M-F	FH	301	Knapp
	The following courses not open to freshmen or sophomores:						
147	Recent History of U. S.....	4	2	M-F	FH	204	Knapp
176	The Third French Republic.....	3	3	M-Th	FH	202	Dupre
	For degree requirements, see first term schedule.						
HYGIENE AND PUBLIC HEALTH							
*9	Hygiene for Teachers	3	2	TWThF	HB	102	Hamilton
	The following courses not open to freshmen or sophomores:						
C115	Communicable Diseases	3	3	MTThF	HB	102	Hamilton
C100b	Public Health	3	4	MTWTh	HB	102	Hamilton
	For degree requirements, see first term schedule.						

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
JOURNALISM							
20b	News Reporting	5	2	D	McVH	53	Portmann
	The following courses not open to freshmen or sophomores:						
103	Newspaper Administration	4	3	M-F	McVH	53	Portmann
115	Advertising Typography and Layout	4	4	M-F	McVH	53	Portmann
110	Supervision of High School Publications	4	By Appt.	M-F	McVH	53	Portmann
	For degree requirements, see first term schedule.						
LIBRARY SCIENCE							
	The following professional courses open to senior and graduate students:						
126	Place, Function, Administration of the Library	5	3	D	UL	314	Young
150a	Book Selection	4	2	D	UL	314	Young
	For degree requirements, see first term schedule.						
MATHEMATICS and ASTRONOMY							
*3	Plane Trig.	5	2	M-S	McVH	129	Fischer
*15	Math. of Finance	5	3	M-S	McVH	129	Fischer
20a	Diff. Calculus	5	2	M-S	McVH	128	Downing
	The following courses not open to freshmen or sophomores:						
16a-d	Tutorial Work in Math.	1	By Appt.		McVH		Staff
	Adv. course (To be selected)....	4	4	M-F	McVH	128	Downing
110a-d	Independent Work in Math.....	4	By Appt.		McVH		Staff
	For degree requirements, see first term schedule.						

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MUSIC							
Applied Music							
*15a-1	Applied Music—Piano	3	By	Appt.	AC	7	
*17a-1	Applied Music—Voice	3	By	Appt.	AC	12	
*18a-1	Applied Music—Organ	3	By	Appt.	MeH Aud.		Cullis
*40a-1	Orchestra (No credit allowed for music majors)	1	3 p.m.	D	AC	8	Capurso
Theory Courses							
Not open to lower division students:							
13b	Form and Analysis	3	2	M-Th	AC	18	Capurso
114b	Instrumentation and Conducting	3	4	M-Th	AC	18	Capurso
19b	History of Music	4	3	M-F	AC	18	Capurso
20b	Survey of Musical Literature....	3	5	M-Th	AC	18	Capurso
Note. —For courses in Music Education, see courses listed under College of Education. For degree requirements, see first term schedule.							
PHILOSOPHY							
21	Introduction to Philosophy	4	2	M-F	FH	205	Kuiper
The following courses not open to freshmen and sophomores:							
110	Making of the Modern Mind	4	4	M-F	FH	205	Kuiper
109a-d	Independent Work	4	By	Appt.	FH	103	Kuiper
For degree requirements, see first term schedule.							
PHYSICAL EDUCATION							
Not open to lower division students:							
115	History and Survey of the Dance	4	3	D	FH	106	Kouns
125	Administration and Organization of Recreation	4	2	D	FH	106	Kouns
123	History and Principles of Phys. Ed.	5	1	D	FH	106	Gullette
Open only to graduate students:							
204	Current Studies in the Administration of Athletics	3	4	D	FH	106	Gullette
Note. —For Recreative Activities, see schedule for the first term. For degree requirements, see first term schedule.							

* Open to freshmen—a, b, c courses open to freshmen; d, e, f courses for sophomores; g, h, i for juniors; and j, k, l for seniors.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
PHYSICS							
*52	Introduction to Physics	3	3	D	PENCE	201	Webb
*7b	Gen. Elem. Physics	7	1-2	D	PENCE	309	Todd
For degree requirements, see first term schedule.							
POLITICAL SCIENCE							
*51	American Government	5	2 6	M-F	A	203	Reeves
	Not open to freshmen or sophomores:			W			
C159b	American Constitutional Development	4	3	M-F	A	302	Smith
C170	Political Parties	4	4	M-F	A	301	Smith
For degree requirements, see first term schedule.							
PSYCHOLOGY							
*1	Elementary Psychology	5	3	D	NH	112	White
7	Psychology of the Child	4	4	M-F	NH	112	Asher
11	Fields of Psychology	4	3	M-F	NH	205	Newbury
The following courses not open to freshmen and sophomores:							
C111	Mental Measurements	4	3	M-F	NH	118	Asher
114	Abnormal Psychology	4	2	M-F	NH	112	White
120a-d	Independent Work in Psy.	3		By Appt.	NH	204	Staff
The following courses open only to graduate students:							
203a-d	Problems in Psychology	3		By Appt.	NH	204	Staff
210a-d	Research in Psychology	5		By Appt.	NH	204	Staff
For degree requirements, see first term schedule.							
ROMANCE LANGUAGES							
*5b	Elementary Spanish	5	2	M-S	MH	108	Ryland
7a	Intermediate Spanish	4	2	M-F	MH	108	Ryland
7b	Intermediate Spanish	4	2	M-F	MH	108	Ryland
*1b	Elementary French	5	3	M-S	MH	108	Ryland
2a	Intermediate French	4	3	M-F	MH	108	Ryland
2b	Intermediate French	4	3	M-F	MH	108	Ryland
Not open to lower division students:							
114a, b, c, d, etc.	Independent Work	4		By Appt.			Ryland

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
------------	---------	-----------	------	------	----------	----------	------------

ROMANCE LANGUAGES—Cont.

Note.—Language requirements in College of Arts and Sciences.

High School

3 or more years of language study
 2 years of language study
 1 year or less of language study

University

Take 2 quarters in one language
 Take 4 quarters in one language
 Take 5 quarters in one language or
 4 quarters in one language and
 2 quarters in another language

If a language begun in High School is continued in the University, no credit will be given for duplicating High School work. One year of High School language study is considered the equivalent of one quarter of University language study. No credit for 1a or 5a until 1b or 5b is passed. Do not take two beginning languages at the same time.

For degree requirements, see first term schedule.

SOCIOLOGY

*2	Modern Social Problems	5	3	D	FH	105	Sanders
	Not open to lower division students:						
109	The Family	4	2	M-F	FH	105	Sanders

For degree requirements, see first term schedule.

ZOOLOGY

*1c ₁	General Zoology, Lec.	4	3	M-F	BS	B8	Allen
*1c ₂	General Zoology, Lab.		4	M-F	BS	B9	Allen
	Not open to freshmen or sophomores:						
101b ₁	Histology, Lec.	4	3	M-F	BS	127	Brauer
101b ₂	Histology, Lab.		4	M-F	BS	127	Brauer
106 ₁	Embryology, Lec.	6	1	D	BS	125	Brauer
106 ₂	Embryology, Lab.		2	D	BS	127	Brauer
108a	Principles of Zoology (Evolution)	3	4	D	BS	200	Funkhouser

For degree requirements, see first term schedule.

* Open to freshmen.

SECOND TERM—SUMMER 1943
COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
AGRONOMY							
10	Soils	4	3	M-F	Agr	301	Karraker
11	Soils Laboratory	3	5, 6	M-F	Agr	302	Karraker
ANIMAL INDUSTRY							
1	Farm Livestock Production	5	5, 6	M-F	SP	109	Pifer
21	Farm Dairying	4	4	D	D	113	Morrison
81	Principles of Animal Nutrition	4	2	M-F	D	113	Wilford
FARM ENGINEERING							
101b	Special Problems (General Farm Shop)	4	2, 3, 4	D	AE	106	Young
RURAL SOCIOLOGY							
101	Rural Sociology	3	1	T-F	Agr	4	Beers
MARKETS AND RURAL FINANCE							
103	Marketing Livestock	2	4	MWF	Agr	4	Price
HOME ECONOMICS							
3	Dietetics for Nurses	6	2, 3,	D	HE	200	Taylor
6	Foods	4	3, 4	D	HE	201	Barkley
101	Principles of Nutrition	4	5	M-F	HE	204	Grundmeier
107	Workshop in Nutrition	5	2, 3, 4	D	HE	204	Erikson
(July 22-Aug. 7)							
114	Food Preservation	3	5, 6	M-Th	HE	200	Barkley
127	Advanced Clothing	4	1, 2	M-F	HE	203	Latzke
137	Advanced Clothing Problems	4	3, 4	D	HE	203	Seeds, Latzke
(July 22-Aug. 7, no prereq.)							
154	Family Living	4	1	M-F	HE	2	Mumford
155	The Child and His Clothing	3	3	T-F	HE	2	Mumford
156	Play and Play Materials	3	4	T-F	HE	2	Beiter
161	Consumer Problems	4	4	M-F	HE	1	Deephouse
162b	Home Management and Fam. Relationships, Laboratory	5		By Appt.			Deephouse
237b	Seminar in Textiles and Clothing	3	5	T-F	HE	202	Seeds

SECOND TERM—SUMMER 1943
COLLEGE OF LAW

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
C183	Landlord and Tenant	2 $\frac{1}{2}$	8-8:50	T-S	Law	100	Randall
C180	Labor Law	2 $\frac{1}{2}$	9-9:50	M-F	Law	100	Moreland
C149	Municipal Corporations	2 $\frac{1}{2}$	10-10:50	T-S	Law	100	Randall
C145	Insurance	2 $\frac{1}{2}$	11:10-12	M-F	Law	100	Murray

**SECOND TERM—SUMMER 1943
COLLEGE OF EDUCATION**

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
ADMINISTRATION							
	Standing of 1.0 required for admission to the following course:						
101	School Organization	5	2	D	E	222	Seay
	The following courses open only to graduate students:						
202	Local School Administration	5	1	D	E	222	Meece
214b	The Secondary School	4	2	M-F	E	122	Ligon
225	Supervision of Instruction	5	3	D	E	131	Seay
229	The Elementary Principal	5	2	D	E	Kdg	Duncan
AGRICULTURAL EDUCATION							
	The following courses open only to graduate students:						
287c	Evening Schools (August 9-28)	4		By Appt.	E	226	Hammonds
287d	Directing Farm Practice	4		By Appt.	E	226	Hammonds
	(July 22-August 7)						
BUSINESS EDUCATION							
	Standing of 1.0 required for admission to the following courses:						
158b	Teaching Accounting	3	4	MTThF	WH	201	
184	Teaching Office Appliances	3	5	MTWF	WH	207	
	The following courses open only to graduate students:						
208a-d	Problems in Business Education	4		By Appt.	WH	203	Lawrence
256	The Social Business Subjects in High School	4	3	M-F	WH	201	Lawrence
260	Teaching Consumer Courses in the High School	4	2	M-F	WH	201	Lawrence
EDUCATIONAL PSYCHOLOGY							
	Standing of 1.0 required for admission to the following courses:						
C118	Educational Tests and Measurements for Elem. Teachers	5	3	D	E	222	Ross
122	Educational Tests and Measurements for High School Teachers	5	3	D	E	222	Ross

SECOND TERM—SUMMER 1943
COLLEGE OF EDUCATION—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
EDUCATIONAL PSYCH.—Cont.							
254	The following course open only to graduate students: Problems in Educational Psychology	4	4	M-F	E	122	Ross
ELEMENTARY EDUCATION							
20	Standing of 1.0 required for admission to the following courses: Industrial Arts for Elementary Grades	3	3	T-F	E	170	Haines
110	Advanced Industrial Arts	3	1	T-F	E	170	Haines
141	Problems in Diagnostic and Remedial Reading	4	4	M-F	E	Kdg	Duncan
229	The following courses open only to graduate students: The Elementary Principal	5	2	D	E	Kdg	Duncan
308a, b	Research Problems in Elementary Education	4	By	Appt.	E	136	Duncan
HISTORY OF EDUCATION							
220	The following course open only to graduate students: Comparative Education	4	2	M-F	E	131	Taylor
INDUSTRIAL EDUCATION							
79	Standing of 1.0 required for admission to the following courses: Determining Related Subjects Content (August 11-28)	3	2, 3	D	E	108	May, Hankins
81	Analysis of Learning Difficulties in Industrial Education.... (July 22-August 10)	3	2, 3	D	E	108	May, Crumpton
108	Coordination Techniques in Industrial Education	3	2, 3	D	E	208	Hankins, May
171b	(August 11-28) Principles and Philosophy of Industrial Education	3	2, 3	D	E	208	Hankins, May
	(July 22-August 10)						

SECOND TERM—SUMMER 1943
COLLEGE OF EDUCATION—Continued

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
MUSIC EDUCATION							
	The following courses open only to graduate students:						
252	Field Problems in Music	2	2, 3	S	AC	18	Capurso
253	Independent Work in Music Education	5	2	D	AC	18	Capurso
PHILOSOPHY OF EDUCATION							
	Standing of 1.0 required for admission to the following course:						
186	Visual Teaching	4	4	M-F	FH	B	Clifton
	The following course open only to graduate students:						
222	Methodology of Educational Research	4	4	M-F	E	131	Taylor
SECONDARY EDUCATION							
	Standing of 1.0 required for admission to the following course:						
105	Fundamentals of Secondary Education	4	1	M-F	E	131	Ligon
	The following course open only to graduate students:						
214b	The Secondary School	4	2	M-F	E	122	Ligon

SECOND TERM—SUMMER 1943
COLLEGE OF COMMERCE

Course No.	Subject	Qtr. Hrs.	Hour	Days	Building	Room No.	Instructor
*3	Economic History of the U. S...	4	4	M-F	WH	303	Jennings
7b	Principles of Accounting, Rec.)	5	} By Appt.	D	WH	306	Beals
	Principles of Accounting, Lab.)			D	WH	306	Beals
10	Principles of Marketing	5		2	D	WH	103
	Prereq. Com. 1.						
*12	Econ. Geography of the Western Hemp.	4	3	M-F	WH	303	Carter
*†13a	Secretarial Practice, Shorthand	4	2	M-F	WH	101	
	Prereq. or concurrent, Eng. 1a.						
13b	Secretarial Practice, Shorthand	4	3	M-F	WH	301	Thomas
14b	Adv. Secretarial Practice	4	3	M-F	WH	301	Thomas
15	Applied Economics	4	4	M-F	WH	101	Sullivan
	(Not open to Com. students)						
*17a	Secretarial Practice Type-writing	3	4	D	WH	301	
	Prereq. or concurrent, Eng. 1a.						
17b	Secretarial Practice, Type-writing	3	1	D	WH	301	
104	Public Finance	4	3	M-F	WH	101	Martin
	Prereq. Com. 1.						
105	Money and Banking	4	4	M-F	WH	103	Carpenter
	Prereq. Com. 1.						
106b	Intermediate Accounting	4	4	M-F	WH	306	Beals
109b	Business Law	4	3	M-F	WH	103	Murray
114	War Economics	4	2	M-F	WH	303	Carpenter
	Prereq. Com. 1.						
150	Business Statistics	3	2	M-Th	WH	401	Palmer
	Prereq. Math. 24.						

* Open to freshmen.

† No credit given for 13a until 13b is completed

