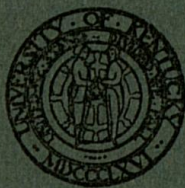


W. D. Butcher

Bulletin

University of Kentucky



Summer Session, 1925

First Term: June 15 to July 24

Second Term: July 27 to August 29

February, 1925

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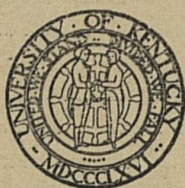
Vol. 17

No. 2

SUMMER SESSION CALENDAR

Monday	June 15	Registration for first term
Tuesday	June 16	Classes begin
Friday	July 24	Examinations
Saturday	July 18	Registration for second term
Monday	July 27	Classes begin
Friday	August 29	Examinations

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OFFICERS OF ADMINISTRATION

FRANK LEROND McVEY, Ph. D., LL. D., President.
McHENRY RHOADS, Ph. M., State Superintendent of Schools.
WILLIAM S. TAYLOR, Ph. D., Director of the Summer Session.
WELLINGTON PATRICK, A. B., A. M., Assistant Director of the Summer Session.
THOMAS POE COOPER, B. S. in Agr., Dean, College of Agriculture.
PAUL PRENTICE BOYD, M. A., Ph. D., Dean, College of Arts and Sciences.
WILLIAM S. TAYLOR, Ph. D., Dean, College of Education.
FREDERICK PAUL ANDERSON, M. E., Dean, College of Engineering.
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WELLINGTON PATRICK, A. B., A. M., Director of University Extension.
COLUMBUS RUDOLPH MELCHER, A. M., Dean of Men.
EMMA J. WOERNER, B. S., M. A., Acting Dean of Women.
EZRA L. GILLIS, A. B., Registrar.
DAVID HOWARD PEAK, A. M., Business Agent.
MARGARET ISADORE KING, A. B., Librarian.

SPECIAL INSTRUCTORS FOR THE SUMMER SESSION

1. DOCTOR GEORGE HOWARD, Specialist in County School Administration and Supervision, State Department of Education, North Carolina.
2. HONORABLE MCHENRY RHOADS, State Superintendent of Public Instruction, Kentucky.
3. PROFESSOR FLOYD W. REEVES, Dean of Administration, Transylvania College, Lexington, Kentucky.
4. DOCTOR J. A. TOLMAN, Dean of Freshmen, Georgetown College, Georgetown, Kentucky.
5. MR. J. B. HOLLOWAY, State Supervisor of High Schools, Kentucky.
6. MR. G. IVAN BARNES, State Director of Vocational Education, Kentucky.
7. MISS EMMA J. WOERNER, Principal, J. M. Atherton High School for Girls, Louisville, Kentucky.
8. MISS ANITA MEYER, Teacher of Art, Louisville Normal School, Louisville, Kentucky.
9. MR. ROSS ROHN, Principal, Junior High School, Owensboro, Kentucky.
10. MRS. MAY DUNCAN, Teacher in the Critic School, Eastern Normal School and Teachers College, Richmond, Kentucky.
11. MR. R. C. GRESHAM, Specialist in Scoutcraft.
12. MR. W. B. JONES, Professor of English, Georgetown College, Georgetown, Kentucky.
13. DOCTOR R. S. COTTERILL, Head Department of History, University of Louisville, Louisville, Kentucky.
14. DR. J. S. CHAMBERS, County Health Officer, Fayette County, Kentucky.
15. MR. L. J. HANIFAN, Superintendent of Schools, Paducah, Kentucky.

FACULTY OF THE SUMMER SESSION

- ALLEN, WILLIAM R., A. M. Ph. D.,
Assistant Professor of Zoology.
- ANDERSON, WALTER S., M. A.,
Professor of Genetics.
- BARNES, G. IVAN, A. B., B. S.,
State Director of Vocational Education, Kentucky.
- BARKENBUS, CHARLES, Ph. D.,
Assistant Professor of Organic Chemistry.
- BEALL, MARY, M. A.,
Instructor in Mathematics, University High School.
- BEST, HARRY, Ph. D.,
Professor of Sociology.
- BOLES, STANLEY ATWOOD, M. A.,
Director of Athletics; Head Department of Physical Education.
- BOYNTON, PAUL L., M. A.,
Assistant Professor of Psychology.
- BRAUER, ALFRED, A. B.,
Instructor in Zoology.
- BROWN, M. C., A. B.,
Instructor in Mathematics
- CHALKLEY, LYMAN, B. L.,
Professor of Law.
- CHAMBERS, J. S., M. D.,
Instructor in Education.
- COTTERILL, R. S., Ph. D.,
*Head, Department of History, University of Louisville,
Louisville, Kentucky.*
- DANTZLER, LEHRE LIVINGSTON, M. A.,
Professor of Philology; Head Department of English.
- DAVIS, JOSEPH MORTON, M. A.,
Professor of Mathematics.
- DICKER, JOHN BORN,
Superintendent of Shops.
- DUNCAN, MAY,
*Teacher in the Critic School, Eastern Normal School and Teachers
College, Richmond, Kentucky.*
- FERGUS, ERNEST N., B. S., M. S.,
Assistant Professor of Farm Crops.

- FITZGERALD, NELLIE, B. S., M. A.,
Instructor in Home Economics
- FREEMAN, WILLIAM EDWIN, A. B., E. E.,
Assistant Dean, College of Engineering; Professor of Electrical Engineering.
- FUNKHOUSER, WILLIAM DELBERT, M. A., Ph. D.,
Professor of Zoology; Head of Department.
- GOOD, EDWIN STANTON, M. S.,
Professor of Animal Husbandry.
- GREEN, CARRIE B., M. A.,
Assistant Professor of Home Economics.
- GRESHAM, R. C., A. B.,
Specialist in Scoutcraft.
- HANIFAN, L. J., M. A.,
Superintendent of Schools, Paducah, Kentucky.
- HICKERSON, WILLIAM H., A. B.,
Instructor in English.
- HOLLOWAY, J. B., A. M.,
State Supervisor of High Schools, Department of Education, Kentucky.
- HOLMES, HENRY BERT, M. A.,
Instructor in Romance Languages.
- HOOPER, J. J., M. S. A.
Professor of Dairy Husbandry.
- HOPKINS, MARIEL, B. S., M. A.,
Professor of Home Economics; Head of Department.
- HORINE, JOHN SHERMAN, M. E.,
Assistant Professor of Mechanical Drawing.
- HORLACHER, LEVI JACKSON, M. S.,
Associate Professor of Animal Husbandry.
- HORSFIELD, MARGARET BENNETT, A. M.,
Assistant Professor of Romance Languages and Literature.
- HOWARD, GEORGE, Ph. D.,
Specialist in County School Administration, State Department of Education, North Carolina.
- HUNT, RUSSELL A., B. S.,
Assistant in Agricultural Education.
- JOHNSON, JAMES RICHARD, B. M. E.,
Professor of Applied Mechanics.
- JONES, J. C., A. M.,
Assistant Professor of History and Political Science.
- JONES, W. B.
Professor of English, Georgetown College, Georgetown, Kentucky.

- JONES, THEODORE TOLMAN, A. M.,
Professor of Ancient Languages and Literature; Head of Department.
- KARRAKER, PERRY ELMER, M. A.,
Associate Professor of Soils.
- KOPPIUS, OTTO, Ph. D.,
Associate Professor of Physics.
- KNIGHT, GRANT COCHRAN, A. M.,
Assistant Professor of English.
- LAMPERT, CARL ALBERT,
Professor of Music; Head of Department.
- LELAND, SIMEON E., A. M.,
Associate Professor of Economics.
- LESTOURGEON, FLORA ELIZABETH, Ph. D.,
Assistant Professor of Mathematics.
- LIGON, M. E., A. M.,
Professor of Education; Principal, University High School.
- LIPSCOMB, WILLIAM NUNN, M. D.,
Associate Professor of Hygiene and Public Health; Resident Physician.
- LOWRY, C. S., A. B.,
Instructor in Education.
- MARTIN, JOSEPH HOLMES, M. S.,
Associate Professor of Poultry Husbandry.
- MAY, AUGUSTUS NOAH, B. Ped.,
Professor of Teacher Training in Industry.
- McFARLAND, FRANK THEODORE, Ph. D.,
Professor of Botany; Head of Department.
- MELCHER, COLUMBUS RUDOLPH, A. M.,
*Dean of Men; Professor of German Language and Literature;
 Head of Department.*
- MEYER, ANITA
*Instructor in Art Education, Louisville Normal School, Louisville,
 Kentucky.*
- MITCHELL, JOHN RICHARD, A. B.,
Assistant Professor of Chemistry.
- PATRICK, WELLINGTON, A. M.,
Assistant Professor of Education; Director of University Extension.
- REEVES, F. W., M. A.,
*Dean of Administration, Transylvania College, Lexington,
 Kentucky.*

- RHOADS, MCHENRY, Ph. M.,
Superintendent of Public Instruction, Kentucky.
- ROBERTS, WILLIAM LEWIS, J. D.,
Professor of Law.
- ROBINSON, LEWIS CASS, A. M.,
Assistant Professor of Geology.
- ROHN, ROSS, M. A.,
Principal, Junior High School, Owensboro, Kentucky.
- RUSH, JAMES E., B. S., M. D.,
Professor of Hygiene and Public Health; Head of Department.
- SAUNIER, STEPHEN THADDEUS,
Instructor in Blacksmith Shop.
- SCARBOROUGH, HARLAN J., B. S., A. B., LL. B.,
Professor of Law.
- SCHERAGO, MORRIS, B. S., D. V. M.,
Associate Professor of Bacteriology; Head of Department.
- SERVER, ALBERTA WILSON, A. B., M. A.,
Instructor in Romance Languages.
- SINGER, DAVID NORTON,
Instructor in Auto Engineering.
- SOMERS, GROVER T., Ph. D.,
Professor of Education.
- STATES, MARSHALL NEY, Ph. D.,
Associate Professor of Physics.
- STEVENSON, WENDELL H., A. M.,
Instructor in History.
- STEWART, OLUS JESSE, M. S.,
Instructor in Chemistry.
- TAYLOR, WILLIAM S., Ph. D.,
Dean, College of Education.
- THURMAN, GORDON,
Instructor in Machine Shop.
- TOLMAN, J. A., Ph. D.,
Dean of Freshmen, Georgetown College, Georgetown, Kentucky.
- TUTHILL, JAMES EDWARD, Ph. D.,
Professor of History.
- WIEST, EDWARD, A. M., Ph. D.,
Professor of Economics; Head of Department.
- WOERNER, EMMA J., B. S., M. A.,
Principal, J. M. Atherton High School for Girls, Louisville, Kentucky; Instructor in Education.
- YATES, LAWRENCE, A. B.,
Instructor in English.

GENERAL INFORMATION

LENGTH OF SESSION

The summer session of the University of Kentucky for 1925 will be eleven weeks in length and will be divided into two terms, the first to begin June 15 and close July 24, and the second to begin July 27 and close August 29.

The courses listed for each term may be found in this catalog. If eight or more students request for the second term any course not listed herein the University will try to offer such course.

CLASSES OF COURSES

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

FOR WHOM PLANNED

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

1. Teachers in the public schools who wish additional training in their special lines of work and who desire to work toward college degrees.
2. Teachers in private and parochial schools who wish additional training in their special lines of work and who desire to work toward college degrees.
3. Supervisors of grade school work in special subjects.
4. City superintendents who desire to acquaint themselves with recent progress in education and who have special problems for solution.
5. County superintendents who desire to study the problems of the organization and administration of rural education and problems relating to the social life of the community.
6. Teachers in junior colleges who desire additional training in the particular fields in which they work and who are working toward higher degrees.
7. Normal school and college teachers who desire additional training in their chosen fields and who are working toward advanced degrees.
8. Undergraduates in agriculture, arts and sciences, education, engineering and law who find it desirable to shorten the period of their college course.

9. Persons desiring training for Y. M. C. A., Y. W. C. A. and social welfare service, including playground directors.

A LARGER PROGRAM FOR 1925

The interest and enthusiasm manifested in the summer session program have led the University to plan a larger program for 1925. A greater variety and a greater number of both graduate and undergraduate courses are being offered in the 1925 summer session.

ADMISSION

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

TO THE FRESHMAN CLASS

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

TO THE COLLEGE OF LAW

An applicant for admission to the College of Law must offer thirty semester credits in colleges other than law, six of which must be in English.

TO ADVANCED STANDING

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

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

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

AS SPECIAL STUDENTS

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

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

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

AS GRADUATE STUDENTS

The Graduate School is open to students, without distinction of sex, who are graduates of this or any other university or college of recognized standing. In exceptional cases, other persons of proper age and attainments may be admitted as students. Application for admission to this school should be made to the Dean of the Graduate School, and should be accompanied by official certificates attesting the candidate's completion of an undergraduate course.

For further information, see statement of the Graduate School.

BY CERTIFICATE

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

BY EXAMINATION

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

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

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

RESIDENCE REQUIREMENTS AND DEGREES

Before a student can receive the baccalaureate degree he must have been in residence at the University of Kentucky for at least two semesters. Four summer sessions of six weeks each or two summer sessions of eleven weeks each and one of six weeks will satisfy the residence requirements.

Courses taken through the Department of University Extension may be counted towards graduation to the extent of two years (60 credits), but credit earned in this way cannot be used to satisfy residence requirements. Extension courses cannot be used to satisfy any requirements on the master's degree.

REQUIREMENTS FOR GRADUATION

COLLEGE OF ARTS AND SCIENCES

DEGREES

The college offers courses leading to the following degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Arts in Journalism, Bachelor of Science in Industrial Chemistry.

THE DEGREE OF BACHELOR OF ARTS

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

FRESHMEN AND SOPHOMORE YEARS

GENERAL REQUIREMENTS

Matriculation lectures, first semester, freshman year, .3 credit.

English, 6 to 12 credits (12 credits if only three units of entrance are presented).

General Hygiene, 2.6 credits, freshman year.

Physical Education, freshman and sophomore, 2.7 credits.

Military Science (men), freshman and sophomore years, 5.6 credits.

GROUP REQUIREMENTS

English, 6 to 12 credits.

Foreign Languages, 6 to 18 credits.

6 credits in one language, if 3 or more units of entrance are presented; 12 credits, if only two units of entrance; 18 credits, if only 1 or no units of entrance.

History, Social Sciences, 6 to 12 credits.

12 credits, including 6 credits in history, if no entrance unit in history is presented.

Philosophy, Education, Psychology, 6 credits in one department.

Mathematics, Physical Sciences, 6 to 10 credits in one department.

(Mathematics, physics, chemistry, geology, astronomy.)

Biological Sciences, 6 to 8 credits in one department.

(Bacteriology, botany, physiology, zoology.)

*Unless otherwise specified a credit represents one hour of recitation or two hours of laboratory a week for one semester. Drawing, shopwork, physical education, and other courses requiring no outside preparation are reckoned at three hours for one credit.

JUNIOR AND SENIOR YEARS

MAJOR

20 credits in any department or related group, exclusive of elementary courses.

MINORS

20 credits in one or two minors, to be approved by head of major department.

ELECTIVES

Subject to approval of dean and head of major department.

COLLEGE OF AGRICULTURE

To receive the degree of Bachelor of Science in Agriculture a student must complete 139.3 credits of work with a standing of 1. These credits are classified as follows:

Prescribed subjects, non-agriculture	52.3 credits
Prescribed subjects, agriculture	21.0 credits
Electives required in agriculture	41.0 credits
Free electives	25.0 credits

Total	139.3 credits
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Students who have not had physics in high school will be required to take a five credit course in college which will reduce the number of free elective credits to 20. The free electives may be in agriculture. It will thus be seen that there is opportunity to take work in agriculture amounting to 87 credits.

No student will be allowed to carry fewer than twelve credit hours of work exclusive of Military Science and Physical Education.

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

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

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

To receive the degree of Bachelor of Science in Home Economics, a student must complete 133.1 credits of work with a standing of 1.

COLLEGE OF ENGINEERING

COURSES OF STUDY AND DEGREES

The College of Engineering offers instruction leading to the following baccalaureate degrees:

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

The courses of study leading to these degrees are identical during the freshman and sophomore years. Familiarity with such fundamental subjects as chemistry, drawing, English, mathematics, physics and practical mechanics is essential to the successful study and practice of any branch of the engineering profession. Furthermore, after two years of college work a student is better able to make a definite choice of the branch of engineering which he is best fitted to follow. During the junior and senior years the courses are planned to give the special training that is best suited to each branch of the profession.

For a detailed description of the curriculum, write for a catalog of the regular session.

COLLEGE OF EDUCATION

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

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

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

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

THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

The following is the work required in all curricula leading to the degree of Bachelor of Arts in Education:

ARTS AND SCIENCES

English	6 credits
Biological Sciences	6 credits
Social Sciences	6 credits
Psychology	3 credits
Physical Education	1.4 credits
General Hygiene	2.6 credits
Military Science (Men)	5.6 credits
<hr/>	
Total Academic Subjects	25.0 credits

PROFESSIONAL SUBJECTS

Survey of Education	3 credits
Educational Psychology	3 credits
Principles of Education	3 credits
Secondary Education	3 credits
The Technique of Teaching	3 credits
Special Methods, including Observation, Participa- tion and Practice Teaching	3 credits
Public Education in the United States	3 credits
Electives in Education	3 credits
<hr/>	
Total Education Subjects	24 credits

GROUP ELECTIVES

Group Electives in Field of Major Interest	24 to 30 credits
Group Electives in Field of Minor Interest	15 to 18 credits
Free Electives	25 to 34 credits

COLLEGE OF LAW

The student must have pursued successfully the courses of study prescribed for the first and second years. In addition, the student must have pursued successfully such of the subjects offered for the third year as will entitle him to twenty-six credits, among which Private Corporations, Common and Statute Law of Kentucky, Property I, Property IV, and Constitutional Law are required.

First year: Contracts; Agency; Torts; Crimes; Property II; Pleading; Common and Statute Law of Kentucky.

Second year: Equity; Civil Procedure; Property III; Negotiable Instruments; Property V; Quasi Contracts; Evidence.

Third year: Sales; Property IV; Municipal Corporations; Trusts; Mortgages; Private Corporations; Constitutional Law; Suretyship; Conflict of Laws; Persons; Public Utilities; Partnership; Insurance;

Damages; International Law; Corporate Organization and Operations; Federal Court Procedure; Legal Ethics; Mine Construction, Operation and Incidents.

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

Graduates of the University of Kentucky are admitted to the Graduate School without examination. Graduates of other approved universities and colleges are admitted to the Graduate School upon filing with the Registrar of the University an official transcript of their undergraduate record. It is desirable that this record be sent some weeks in advance of the opening of the summer session. In some cases it is necessary to prescribe undergraduate courses as a further preparation for candidacy for the degree sought. This is required of students coming from institutions not on our accredited list and also of students whose undergraduate work has not sufficiently prepared them to proceed with graduate study in their major field.

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 REQUIREMENTS

The normal residence requirement for the master's degree is one year. If the work is taken wholly in the summer, four sessions of six weeks each, or two sessions of eleven weeks each and an additional term of six weeks will satisfy residence requirements. A combination of one semester and two summer terms of six weeks taken during different summers will also satisfy the requirement.

GENERAL REQUIREMENTS FOR THE MASTER'S DEGREE

Candidates for the Master of Arts and Master of Science degrees are required to secure twenty-four credits in courses and in addition write an acceptable thesis. In certain few subjects, Greek, for instance,

by special permission of the major professor and the Dean of the Graduate School, the thesis may be omitted providing thirty credits are taken. Only courses numbered above 100 are given graduate credit. At least twelve credits must be done in the major subject. The thesis must also be written in this field.

The graduate student is required to take the regular examination in courses and at the completion of the thesis is given an oral examination in his major and minor studies by an examining committee made up of the Dean of the Graduate School and his major and minor professors. At this time he is also expected to defend his thesis.

TEACHERS' CERTIFICATES

The University, through the College of Education, issues four certificates. The following is a minimum of the credits required for each:*

ELEMENTARY CERTIFICATE. Thirty credits, including six in education. This certificate is valid for two years and is not renewable.

INTERMEDIATE CERTIFICATE. Sixty credits, including twelve in education. This certificate is valid for four years and is not renewable.

ADVANCED CERTIFICATE. Ninety credits, including eighteen in education, three of which must have been in observation, participation and practice teaching.** This certificate is valid for three years of teaching and may be converted into a life certificate upon presentation of evidence of three years of successful teaching.

LIFE CERTIFICATE. Issued only to persons majoring in education who have completed the work for a degree and who have twenty-four credits in education, three of which must have been in special methods, including observation, participation and practice teaching.

DESIGNATION OF COURSES

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

*A credit is equivalent to one semester hour.

**Persons presenting a year of successful teaching experience of secondary grade may, upon recommendation of the faculty of the College of Education, substitute this for the observation and practice teaching, but will not be given credit toward graduation for this experience.

STUDENT LOAD

The normal load for the average student is six semester hours for each term. Students presenting a standing of 2 (average of "B" or better), will be allowed to carry eight semester hours either term, which will be the maximum load for summer session students. No student will be allowed to earn more than fourteen hours during the two terms.

Persons entering five days late will be limited to six credits regardless of standing.

REDUCED RAILROAD RATES

The Southeastern Passenger Association has granted railroad rates of one and one-third fare for round trip tickets for the summer session of 1925. This rate applies to the entire southeastern territory with the exception of stations in Virginia and in Washington, D. C. Tickets will be on sale June 11 to June 17, inclusive, and July 21 to July 27, inclusive. The final limit on all tickets will be September 2. These tickets must be validated by the regular passenger agent at Lexington before the return journey is commenced.

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

FEES

The tuition fee for each college, with the exception of the College of Law, is \$18.00 a term. In the College of Law, there is just one term of eleven weeks and the fee is \$50.00 for the term.

Any student registering for a course in the College of Law shall pay the tuition fee for this College, namely, \$50.00. This applies not only to students majoring in law but to students in all other colleges.

REFUNDS

During the first ten days after the opening of either term of the summer session students may, on written recommendation of the Director of the Summer Session, receive a refund on the amount paid in fees, not to exceed 80% of all fees paid. In no case shall the amount refunded exceed 80%, and in no case will refunds be made after the first ten days.

LATE REGISTRATION

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

No student will be permitted to matriculate later than one week after the opening of the term without special permission of the heads

of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 22, nor for the second term's work after August 1.

CHANGES IN REGISTRATION

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

LATE CLASSIFICATION FEE

Students who fail to arrange classification within the scheduled time will be charged a fee of \$1.00. No change in registration will be permitted after Monday of the second week of the term.

FEE FOR CHANGE IN CLASSIFICATION

After three days following the regular registration period a fee of \$1.00 will be charged for any change in schedule.

MARKING SYSTEM

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

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

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

ROOM AND BOARD

The University dormitories, Patterson Hall, Smith Hall, Boyd Hall and the Men's Dormitory will be open during the summer session. The rates will be as follows:

STUDENT LOAD

The normal load for the average student is six semester hours for each term. Students presenting a standing of 2 (average of "B" or better), will be allowed to carry eight semester hours either term, which will be the maximum load for summer session students. No student will be allowed to earn more than fourteen hours during the two terms.

Persons entering five days late will be limited to six credits regardless of standing.

REDUCED RAILROAD RATES

The Southeastern Passenger Association has granted railroad rates of one and one-third fare for round trip tickets for the summer session of 1925. This rate applies to the entire southeastern territory with the exception of stations in Virginia and in Washington, D. C. Tickets will be on sale June 11 to June 17, inclusive, and July 21 to July 27, inclusive. The final limit on all tickets will be September 2. These tickets must be validated by the regular passenger agent at Lexington before the return journey is commenced.

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

FEES

The tuition fee for each college, with the exception of the College of Law, is \$18.00 a term. In the College of Law, there is just one term of eleven weeks and the fee is \$50.00 for the term.

Any student registering for a course in the College of Law shall pay the tuition fee for this College, namely, \$50.00. This applies not only to students majoring in law but to students in all other colleges.

REFUNDS

During the first ten days after the opening of either term of the summer session students may, on written recommendation of the Director of the Summer Session, receive a refund on the amount paid in fees, not to exceed 80% of all fees paid. In no case shall the amount refunded exceed 80%, and in no case will refunds be made after the first ten days.

LATE REGISTRATION

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

No student will be permitted to matriculate later than one week after the opening of the term without special permission of the heads

of departments concerned and the Dean of the College. No student will be allowed to register for credit for the first term's work after June 22, nor for the second term's work after August 1.

CHANGES IN REGISTRATION

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

LATE CLASSIFICATION FEE

Students who fail to arrange classification within the scheduled time will be charged a fee of \$1.00. No change in registration will be permitted after Monday of the second week of the term.

FEE FOR CHANGE IN CLASSIFICATION

After three days following the regular registration period a fee of \$1.00 will be charged for any change in schedule.

MARKING SYSTEM

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

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

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

ROOM AND BOARD

The University dormitories, Patterson Hall, Smith Hall, Boyd Hall and the Men's Dormitory will be open during the summer session. The rates will be as follows:

In women's dormitories, \$1.50 to \$3.00 a week, according to the room occupied. Reservations may be made by writing to the Director of the Summer Session.

In the men's dormitory, all rooms available may be had for only \$2.00 per week for each person in a room.

Dormitories for both men and women are furnished, with the exception of linen and blankets. Students having rooms in dormitories will be expected to bring with them the following articles; sheets, pillow slips, blankets and towels. All other necessary articles will be furnished.

MEALS SERVED AT CAFETERIA. Meals will be served at the University Cafeteria at \$4.75 a week. Cafeteria service will also be given. During the summer session meals will be served seven days a week.

RESERVATION OF ROOMS. Students desiring to obtain accommodations in the dormitories will be required to make application in advance of the opening of the session. A deposit of \$5.00 should be sent to the Director of the Summer Session. When such deposits are received rooms will be reserved and held until Monday evening, June 15. Rooms will not be held beyond that time unless special arrangements are made.

ROOMS AND BOARD IN LEXINGTON. Accommodations for rooms and board in the University neighborhood may be had by inquiring at the office of the Dean of Men. Rooms may be had at rates varying from \$10.00 to \$25.00 a month. Board may be had at from \$5.00 to \$7.00 a week. All rooms listed have been inspected and certain standards maintained. Men who have not had reservations made at the dormitories should, on their arrival at the University, apply at the office of the Dean of Men for information as to available rooms. The Dean of Men will also maintain an approved list of rooms for women.

PLACEMENT SERVICE

There is a constantly growing demand for the services of the graduates of the University of Kentucky. The institution receives more requests for teachers than it has applicants for positions. The Placement Service is operated through the College of Education, and every attempt is made to procure for the students and for the graduates of the University the type of employment which will enable each one to achieve the best results.

The University desires to be of greatest service to the public schools of Kentucky by training an efficient group of teachers and by placing each one of these in the type of position where he can do his best work. Each student in attendance at the University who desires a

position should register with the Placement Service in the Education Building. Superintendents and principals of schools desiring teachers should write to the College of Education for the credentials of persons available.

ZOOLOGICAL FIELD LABORATORY

The Zoological Field Laboratory of the University of Kentucky is located near Quicksand, in Breathitt county.

The Field Laboratory consists of about five hundred acres of typical mountain country which shows almost perfect primeval conditions in the native fauna and flora. It is extremely rugged, well watered and timbered, with attractive topographical features and unusual biologic resources. It is very rich in the number of species of insects, snakes, birds and mammals represented. Several mountain streams flow into the Kentucky river and Quicksand creek on two sides of the laboratory, so that exceptional facilities are offered for the study of aquatic life. The property includes some of the most picturesque of Kentucky mountain scenery and is located in that part of the State which has been made famous by writers on Kentucky mountain life.

Through the courtesy of the College of Agriculture students at the Field Laboratory have the privilege of doing collecting, exploring and research work over nearly fifteen thousand acres of closely adjacent mountain land in Breathitt, Perry and Knott counties, including some of the roughest and least inhabited portions of the State. Part of the Field Laboratory is set aside as a bird sanctuary.

The Zoological Field Laboratory offers opportunity for research work in ornithology, entomology, herpetology and ecology at all seasons of the year, and for regular class instruction during the summer session.

EQUIPMENT

The field laboratory building is a frame structure with 20x40 feet of floor space, well lighted, and fully equipped for field work. It is believed, however, that many biological courses may be pursued with far greater benefit in the field than in the laboratory and, therefore, a large part of the instruction is given out of doors.

ACCOMMODATIONS FOR STUDENTS

The accommodations for students depend largely upon the number in attendance. The life in the mountains is largely camp life. Those who prefer to live at the laboratory will be provided with tents, two students sharing each tent. Those who prefer may live at Quicksand, two miles from the laboratory, sleeping and taking their morn-

ing and evening meals at the University Club building and carrying their lunch. The expense is about the same as that at the boarding and rooming houses in Lexington. The life at the laboratory is a rather rough one and those who cannot spend much of the time in the open, who cannot stand inclement weather, or who are incapable of taking long hikes, should not register for work at the field laboratory.

REGISTRATION LIMITED TO MEN

At present only men are accepted at the field laboratory as facilities are not yet available for caring for women students. Students who take the summer work are registered as regular summer session students, pay the regular fees, and are given the regular credits.

EXTENSION PROGRAM

The Department of University Extension, through its Bureau of Correspondence and through its group-study centers, is reaching approximately one thousand teachers this year. It is providing for these teachers courses of instruction that contribute definitely to their professional growth and that count toward a degree. The University allows any student to earn, through extension, a maximum of sixty credits of the 127 required for graduation. Every teacher in Kentucky who is not a college or university graduate should register for courses through extension and should equip himself more adequately for the work to be done. Write to the Department of University Extension for information concerning the work available.

EX-SERVICE MEN

Ex-service men, under the provisions of Kentucky statutes, receive free tuition and room rent. This applies to the summer session as well as to regular sessions. It applies only to persons who entered the service in Kentucky. In order to receive the benefits of the law, such persons must file written application with the Registrar of the University at least thirty days prior to the opening of the summer session. Such application must be accompanied by the certificate of discharge.

RECREATION FOR SUMMER SESSION STUDENTS

The teachers of Kentucky should be acquainted with Lexington and with the historical blue grass country surrounding it. The public school children should know more about Henry Clay and his work, should know the story of the battle at Bryant's Station and how the women saved the day by marching out in a band to carry water back into the fort when they were besieged by Indians.

The teachers of Kentucky should see the picturesque capitol at Frankfort, only thirty miles from Lexington; should see the high bridge across Kentucky river, for many years the highest and today the second highest bridge in the world. They should see and know more about the beautiful stock farms of the blue grass, the home of the thoroughbred horses.

Lexington is connected with all the other cities of the blue grass region by interurban and motor bus lines, thus making it possible to get out into the country quickly, easily and at a small cost. The University is planning a series of trips for its summer school students in order to offer them the opportunity to become acquainted with the blue grass section and to learn to know its wealth of beauty and attractions.

The following excursions have been planned for the students of the summer session at the University:

June 27—Excursion to High Bridge, Shakertown and Dix River Dam.

July 3—Matinee and evening, The Coffey-Miller Players.

July 4—Excursion to Natural Bridge.

July 11—Excursion to Frankfort; visit to State Capitol, Old State House, Historical Museum, O'Hara's grave, the grave of Daniel Boone, the penitentiary and the fish hatcheries.

July 18—Excursion to noted thoroughbred stock farms near Lexington.

The Devereux Players will also appear at the University of Kentucky this summer at a date to be determined later.

The students of the summer session will be guests of the University at the Coffey-Miller and Devereux performances.

COLLEGE OF AGRICULTURE

THOMAS P. COOPER, B. S. in Agr., Dean and Director

AGRONOMY

2. SOIL MANAGEMENT. A course presenting the latest practical results in soil investigations. The course is recommended for Smith-Hughes teachers in service. Two credits. First term. Associate Professor Karraker.

11. FARM CROPS. A course dealing with the principles and practices of field crop production. Prerequisites, Botany and a course in Soils. Four credits. First term. Assistant Professor Fergus.

ANIMAL INDUSTRY

1. MARKET CLASSES AND GRADES OF LIVE STOCK. This course takes up the study of animals from the standpoint of the demands of the market. The student is taught the fundamentals of live stock judging. Required of freshmen in Agriculture. Lecture 5 hours, laboratory 5 hours a week. Three credits. First term. Associate Professor Horlacher.

2. FARM POULTRY PRODUCTION. This course treats of the production of poultry on the general farm. It includes the following subjects: Breeds and varieties, feeding, housing, culling, incubation, brooding, diseases and the marketing of poultry products. Lecture 5 hours, laboratory 5 hours a week. Three credits. First term. Associate Professor Martin.

5. FARM DAIRYING. Instruction is given in the production of clean milk, the management of the dairy herd, the construction of dairy barns and the marketing of milk. Students are taught to use the lactometer, to test milk for butterfat and acidity, the separation and care of cream, the ripening of cream and the churning of butter. Practice is given in the manufacture of soft cheese. Laboratory 5 hours, lecture 5 hours a week. Three credits. First term. Professor Hooper.

17. BREEDS OF LIVE STOCK. The history and development of the various breeds of live stock are studied. Practice is given in judging pure bred animals and in tracing pedigrees. Lecture and laboratory. Three credits. First term. Associate Professor Horlacher.

104. ANIMAL BREEDING. A course in the principles of breeding as applied to live stock. The practical aspects of animal breeding are presented: Inbreeding, line-breeding, cross-breeding and breeding by selection. An analysis of some of the breeds will be made and the

methods of successful breeders will be studied. Prerequisites, Breeds of Live Stock and Genetics. Lecture 10 hours a week. Four credits. First term. Professor Anderson.

107. SHEEP PRODUCTION. Three credits. First term. Associate Professor Horlacher.

109.* POULTRY JUDGING AND BREEDING. (Offered alternately with 112). The fundamental genetic principles involved in poultry breeding will be studied. The systematic culling and selective flock breeding to increase the production of the flock will be studied. In the laboratory work the time is divided between the judging of birds for exhibition points and egg production. Prerequisite, Farm Poultry Production or Genetics. Lecture 5 hours a week, laboratory 5 hours a week and 5 additional laboratory hours by appointment. Four credits. First term. Associate Professor Martin.

112.* ADVANCED POULTRY PRODUCTION. (Offered alternately with 109.) In this course the more advanced problems involved in incubation, brooding, poultry diseases, feeding and flock management will be considered. The laboratory work will consist of the actual operation of incubators and brooders, the treatment of diseased birds and the feeding of the laying flock. Prerequisite, Farm Poultry Production. Lecture 5 hours, laboratory 5 hours a week. Four credits. First term. 5 additional hours of laboratory by appointment. Associate Professor Martin.

117. LIVE STOCK FEEDING. A study is made of the classes of nutrients of feeding stuffs and the uses of each to the animal. A study is made of the processes of digestion, absorption and assimilation. Feed stuffs and nutritive ratios are discussed. The practical aspects of feeding various kinds of live stock are studied. Lecture 10 hours a week. Four credits. First term. Professor Good.

119. GENETICS. The fundamental principles of heredity and variation are given in this course. Some questions discussed are reproduction, fertilization, variation, mutation, selection, pure line and hybrids. Lecture 8 hours a week. Three credits. First term. Professor Anderson.

HOME ECONOMICS

S 9. FOODS. A course dealing with the selection and preparation of food, the changes brought about by cooking, storage and modern manufacture, proper food combinations, planning and serving of meals, discussion and demonstrations of desirable dishes for school

*Either course 109 or 112 will be given according to the desires of the students.

lunches. This course may be offered as a Home Economics elective toward a degree, not as a substitute for Home Economics 6a. Three credits. First term. Professor Hopkins.

S 10. CLOTHING. A study of underlying principles of clothing construction, selection of material and relation of health to clothing. This course may be offered as a Home Economics elective toward a degree, not as a substitute for Home Economics 28 or 29. Three credits. First term. Professor Hopkins.

S 16. TEACHING OF HEALTH AND NUTRITION IN PUBLIC SCHOOLS. For teachers. A course dealing with the presentation of the fundamental facts with regard to teaching nutrition to the children of the grades. Demonstrations, lectures and discussion. Two credits. First term. Miss Fitzgerald.

S 17. METHODS OF FIELD WORK IN NUTRITION. For Home Economics teachers. A course dealing with the problems arising in nutrition instruction, how to present the subject matter, illustrative material, methods used with success. Relation of school lunch to the nutrition program of the school. Two credits. First term. Miss Fitzgerald.

COLLEGE OF ARTS AND SCIENCES

PAUL P. BOYD, M. A., Ph. D., Dean

ANCIENT LANGUAGES AND LITERATURE

S 1. BEGINNING LATIN. (Given as a teachers' course. Practical or theoretical). Bennett's First Year Latin will be completed. Discussion of the principles of teaching Latin, stressing the connection between Latin and English, the merits of the different texts, the value of collecting for exhibits, etc. First term. Two credits. Professor Jones.

S 3. CICERO AND SALLUST. The four speeches of Cicero against Catiline will be read and, also, Sallust's Catiline. A comparative study of the orator and the historian. First term. Two credits. Professor Jones.

S 4a. SELECTIONS FROM OVID AND VIRGIL. This has proven to be one of our most interesting Latin courses. Ovid gives us mythology at first hand and Virgil portrays the traditions and aspirations of the Romans. First term. Two Credits. Professor Jones.

S 5. LIVY. Talks on foundation and development of the Roman State; the methods and aims of ancient writers of history as compared with those of today. First term. Two credits. Professor Jones. (If the students prefer, Horace may be elected instead of Livy.)

S 109. LATIN LITERATURE. (SELECTIONS.) The authors studied will be selected by the class. Primarily for graduates. Open also to qualified undergraduates. First term. Two credits. Professor Jones.

S 51. ELEMENTARY GREEK. Declensions, conjugations, rules of syntax. English derivatives from Greek words will be noted. First term. Two credits. Professor Jones.

A teachers' course in second year Latin will be given in the second term if there is sufficient demand for it. Also, other courses will be offered on the same terms.

ART

S 1a. DRAWING AND PAINTING. Expression by line, light and shade color. Drawing from objects, cast, still life. Perspective figure drawing, outdoor sketching. Mediums—charcoal, crayons, water color, oil. First term. Two credits. Miss Meyer.

2a. ART STRUCTURE. A study of the underlying principles of art through their applications, line, tone, color. Arrangements involving the use of good proportion, harmony, balance, rhythm, repetition, subordination, etc. Original design for textiles, mosaic, interior decorations, costume, etc. First term. Two credits. Miss Meyer.

S 10. THE TEACHING OF ART IN PUBLIC SCHOOLS. A course designed for public school teachers who offer instruction in art education. First term. Two credits. Miss Meyer.

BACTERIOLOGY

102. GENERAL BACTERIOLOGY. First term. Four credits. Professor Scherago.

7. FUNDAMENTALS OF BACTERIOLOGY. This course is intended to give teachers a general sketch of bacteriology and its relation to medicine, hygiene, the soil, the plant, the dairy, and the fermentation industries. Simple demonstrations will be introduced in order to place teachers in a position to give rudiments of the science to pupils of the rural schools to be correlated with their other nature study. First term. Three credits. Professor Scherago.

BOTANY

1a. GENERAL BOTANY. This is the first semester's work of the general course in botany and involves a critical study of the lower forms of plant life, such as the algae, fungi and the moss plants. Attention is given to the physiology, structure, method of reproduction and economic importance. First term. Four credits. Professor McFarland.

S 20. DENDROLOGY. (TREE STUDY.) This course is designed to give the student a thorough knowledge of the native and exotic trees of the State. Lectures will be given in the field when the weather permits. Practice in using various keys and the making of keys will be given during the course. Besides the regular lectures, two all-day field trips will be required. One of these trips will be to Natural Bridge and the other will be taken somewhere along the Kentucky river. No prerequisites. First term. Two credits. Professor McFarland.

CHEMISTRY

1a. GENERAL INORGANIC CHEMISTRY. Lectures, classroom and laboratory work. First term. Five credits. Assistant Professor Mitchell.

1b. GENERAL INORGANIC CHEMISTRY. Continuation of Chemistry 1a. Chemistry of the metals. Lectures, classroom and laboratory work. Prerequisite, Chemistry 1a. Second term. Five credits. Assistant Professor Mitchell.

3. INORGANIC PREPARATIONS. A practical laboratory course devoted to the preparation of inorganic compounds from the crude material. Prerequisite, one-half years' work in general chemistry. First term. Two credits. Assistant Professor Barkenbus and Assistant Professor Stewart.

4. QUALITATIVE ANALYSIS. Laboratory work accompanied by recitation periods. Prerequisite, Chemistry 1b. First term. Four credits. Assistant Professor Stewart.

7. ORGANIC CHEMISTRY. An elementary course for non-professional students. Prerequisite, Chemistry 1b. First term. Four credits. Assistant Professor Barkenbus.

ECONOMICS AND SOCIOLOGY

ECONOMICS

S 1a. PRINCIPLES OF ECONOMICS. An examination of the fundamental principles of economics and the application of these principles to practical problems. Not open to freshmen. First term. Two credits. Professor Wiest.

S 1b. PRINCIPLES OF ECONOMICS. Continuation of S 1a. Second term. Two credits. Associate Professor Leland.

S 2. ECONOMIC HISTORY OF EUROPE. A study of the development of agriculture, commerce, industry and finance; the effects of these several lines of development upon the national life. Open to all students. First term. Two credits. Professor Wiest.

S 101. BUSINESS ORGANIZATION AND CORPORATION FINANCE. The fundamental principles of business organization and corporation finance; social control of monopolistic combinations. Not open to freshmen. First term. Two credits. Professor Wiest.

S 102. LABOR PROBLEMS. A study of the labor market in its industrial phases, including such directly related topics as immigration, unemployment and labor organizations. Not open to freshmen. First term. Two credits. Associate Professor Leland.

S 104. PUBLIC FINANCE. A study of public receipts, public expenditures, the principles of taxation with special reference to their application to the tax systems, federal and state. Attention will be given to the current problems in taxation. Not open to freshmen. Second term. Two credits. Associate Professor Leland.

S 108. INSURANCE. First term. Two credits. Associate Professor Leland.

S 109a. BUSINESS LAW. A course designed to fill the need of an elementary training in business law. It includes a survey of the principles of contracts, sales, bills and notes, and that portion of the law of torts applicable to business practice. Not open to freshmen. First term. Two credits. Associate Professor Leland.

S 109b. BUSINESS LAW. Continuation of 109a. Second term. Two credits. Associate Professor Leland.

SOCIOLOGY

S 51a. PRINCIPLES OF SOCIOLOGY. An examination of some practical concrete social problems, such as characteristics of population, social groupings, the family, child welfare, housing conditions, recreational values, community organization, etc. Not open to freshmen. First term. Two credits. Professor Best.

S 151. SOCIAL DEPENDENCE. A study of poverty or social dependence and the measures of relief afforded through charity or philanthropy, together with general measures for social betterment. Child welfare, public health and social legislation are included, so far as related to the subject. Not open to freshmen. First term. Two credits. Professor Best.

S 156. IMMIGRATION. A study of immigrant forces and their effects upon American life and of measures for Americanization. Not open to freshmen. First term. Two credits. Professor Best.

ENGLISH LANGUAGE AND LITERATURE

S 1a. ENGLISH COMPOSITION. Practice in writing correct and clear English. Accuracy of expression is desired rather than proficiency in style. A textbook will be used, but the instruction will also be based upon the study of representative English masterpieces. Required of all freshmen. Both terms. Two credits. First term, Mr. Yates. Second term, Mr. Hickerson.

S 1b. ENGLISH COMPOSITION. This course is a continuation of English 1a. Required of all freshmen. This course with English 1a is prerequisite to all other courses in English. Both terms. Two credits. First term, Mr. Yates. Second term, Mr. Hickerson.

S 3a. HISTORY OF ENGLISH LITERATURE. This course is designed to give the student a general survey of English literature from the old English period to the present. Extensive readings from selected masterpieces with weekly written themes by the student. Prerequisite, English 1a or 1b. Second term. Two credits. Mr. Hickerson.

S 3b. HISTORY OF ENGLISH LITERATURE. This course is a continuation of course 3a. Both courses are prerequisite to all others in literature. First term. Two credits. Mr. Yates.

105. BROWNING. An intensive study of the art and teaching of Browning. First term. Two credits. Professor Dantzler.

S 106. ENGLISH ROMANTICISM. This course traces the history of the English romantic movement from its beginning to its culmination in the poets of the early nineteenth century. Special attention is paid to the poetry of Wordsworth, Coleridge, Byron, Shelley, Keats. First term. Two credits. Mr. Jones.

S 110. SHAKESPEARE. Shakespeare's plays are studied in an effort to appreciate drama and art. First term. Two credits. Assistant Professor Knight.

S 111. THE ENGLISH NOVEL. Introduction to the study of English fiction. Readings with a view to illustrate the evolution of the novel as well as to develop an appreciation of it as a form of literature. Both terms. Two credits. Assistant Professor Knight.

S 114. AMERICAN LITERATURE. The literature of America is studied in its relation to national life and thought. The leading authors will be studied in class while the minor writers will constitute parallel reading. First term. Two credits. Mr. Jones.

S 116. THE CONTEMPORARY DRAMA. Development and tendencies in continental, British and American dramatic literature, 1850-1918. Representative readings. Open to juniors and seniors. First term. Two credits. Assistant Professor Knight.

S 120. PRONUNCIATION OF MODERN ENGLISH. A study of present day pronunciation with a view to determining a standard of correct pronunciation. First term. Two credits. Professor Dantzler.

S 201a. LITERARY CRITICISM. Special problems in the development of English criticism. First term. Two credits. Professor Dantzler.

S 205. A STUDY OF CHAUCER. For graduates only. First term. Two credits. Mr. Jones.

GEOLOGY

S 1a. PHYSIOGRAPHY. A study of those forces and processes which determine the surface features of the earth, and which in the past have contributed to the present topography. Emphasis is placed on the application of an understanding of these processes to the interpretation of earth history. First term. Two credits. Assistant Professor Robinson.

16a. MINERAL RESOURCES. An elementary study of the mineral resources of the United States with respect to their origin, geologic occurrence, distribution and uses. The course includes a short introduction to the geological principles involved in the formation of mineral deposits. First term. Two credits. Assistant Professor Robinson.

S 17. CONSERVATION OF NATURAL RESOURCES. Lectures and outside readings on the problems and methods of conserving our natural resources, other than mineral deposits. First term. Two credits. Assistant Professor Robinson.

GERMAN LANGUAGE AND LITERATURE

S 1a. ELEMENTARY GERMAN. Five hours a week. First term. Two credits. Professor Melcher.

S 1b. ELEMENTARY GERMAN. Five hours a week. First term. Two credits. Professor Melcher.

S 2a. INTERMEDIATE GERMAN. Five hours a week. First term. Two credits. Professor Melcher.

S 2b. INTERMEDIATE GERMAN. Five hours a week. First term. Two credits. Professor Melcher.

S 3a. COMPOSITION AND READING. Five hours a week. First term. Two credits. Professor Melcher.

S 3b. COMPOSITION AND READING. Five hours a week. First term. Two credits. Professor Melcher.

S 4a. ADVANCED READING AND COMPOSITION. Five hours a week. First term. Two credits. Professor Melcher.

S 6. SCIENTIFIC AND JOURNALISTIC GERMAN. Five hours a week. First term. Two credits. Professor Melcher.

HISTORY AND POLITICAL SCIENCE

HISTORY

40. HISTORY OF KENTUCKY. A general review of the principal elements and factors which have entered into the building of Kentucky as a Commonwealth and as a unit in the Nation. A paper will be required. First term. Two credits. Professor Cotterill.

118. THEORIES AND TEACHING OF HISTORY. Lectures on some theories of history including Wells; several problems of the teacher of history with materials of visual and graphic instruction. Second term. Two credits. Professor Tuthill.

S 119. FRENCH REVOLUTION AND NINETEENTH CENTURY. A study of the revolutionary spirit in France; Napoleon's activities; the influence of the political and industrial revolution; and an outline of the nineteenth century. Second term. Two credits. Professor Tuthill.

S 125a. HISTORY OF THE SOUTH. The main features of Southern life and institutions in the Colonial and National periods; geographical background; plantation areas and slavery before the Revolution; colonization of the frontiers; party history, expansion and nullification to 1833; expansion west and southwest; the cotton kingdom; political and constitutional history, 1832-1861. First term. Two credits. Professor Cotterill.

S 125b. RECONSTRUCTION, 1865-1875. Prerequisite, History 125a or its equivalent. Second term. Two credits. Mr. Stephenson.

S 130. HISTORY OF THE WEST. Beginning in 1748 the history of the West will be carried down to 1840. Political history will be stressed and a constant attempt made to show the influence of the westward movement on national affairs. Prerequisite, History 5a or equivalent. First term. Two credits. Professor Cotterill.

POLITICAL SCIENCE

S 51a. AMERICAN GOVERNMENT. A study of the rights, duties and responsibilities of citizens; mutual relations of the government and the citizen as a voter. The actual work of governmental bureaus and commissions rather than theory. First term. Two credits. Assistant Professor Jones.

60. AMERICAN FOREIGN SERVICE. The organization and activities of the State Department and the diplomatic and consular offices; duties and powers of consular officials. Prerequisites, Economics 1 and History 5 or Political Science 51, or equivalents. First term. Two credits. Assistant Professor Jones.

S 155a. COMPARATIVE GOVERNMENT. A comparative study of the parties, governments and administrative systems of England, France, Switzerland, Canada, Australia and Brazil. First term. Two credits. Assistant Professor Jones.

S 51b. AMERICAN GOVERNMENT. A continuation of course S 51a. Second term. Two credits. Mr. Stephenson.

S 155b. COMPARATIVE GOVERNMENT. A continuation of course 155a. Second term. Two credits. Mr. Stephenson.

HYGIENE AND PUBLIC HEALTH

105a. HYGIENE. This course includes the historical development of the scientific facts upon which the present day preventive medicine is builded; the various theories of disease, the fundamental principles of bacteriology; the methods whereby diseases are disseminated; methods of entrance into the body, theories of immunity, etc. Lecture and textbook. First term. Two credits. Associate Professor Lipscomb.

103. SCHOOL HYGIENE. A course emphasizing the principles of hygiene particularly from a standpoint of what the teacher in a grammar school, high school or college should be expected to know relative to this subject. Second term. Two credits. Professor Rush.

105b. HYGIENE. Continuation of Hygiene 105a. In this course the more important diseases are considered in detail and methods of

prevention are emphasized. Second term. Two credits. Professor Rush.

2. FIRST AID IN EMERGENCIES. A practical, non-technical discussion of what to do in case of acute illness or accident before the arrival of the doctor. Lecture and demonstration. First term. Two credits. Associate Professor Lipscomb.

UNIVERSITY HEALTH SERVICE. The services of a physician will be available to the students registered in the summer school during the afternoons. Consultations may be had at the offices of the Department of Hygiene.

MATHEMATICS

S 1. ELEMENTARY ALGEBRA. This course is designed for those who enter the University with only one unit of high school mathematics, and is prerequisite for Mathematics 4 and 5. Open only to college students. Quadratics and beyond. Second term. Two credits. Assistant Professor LeSturgeon.

S 2. SOLID GEOMETRY. This is given primarily for engineering students who enter conditioned in solid geometry. It is a prerequisite for analytics. Second term. Two credits. Assistant Professor LeSturgeon.

S 4. PLANE TRIGONOMETRY. A thoro course in plane trigonometry supplemented by enough algebra to fill out a semester's work. For Arts and Sciences and Engineering students. Prerequisite, one and one-half units of entrance algebra. First term. Four credits. Mr. Brown.

S 5. COLLEGE ALGEBRA. Elementary algebra is first reviewed in a way to give greater clearness as to assumptions, the number concept, and to introduce graphs and determinants. Following this, topics are taken up that will, together with those included in Mathematics 4, furnish the student with a fairly complete view of the subject. Prerequisite, one and one-half units of entrance algebra. First term. Four credits. Mr. Brown.

S 6. ANALYTIC GEOMETRY. A course in which particular emphasis is laid on the graphical representation of the various types of functions. The derivative is introduced as a tool for study. Prerequisites, Mathematics 2, 4 and 5. First term. Four credits Assistant Professor LeSturgeon.

S 7a. DIFFERENTIAL CALCULUS. A course covering most of the subject as presented in the larger texts and including much drill work in the solution of problems. Some work in integration is done. Engineering students take this in the second semester of the sophomore

year. Prerequisites, Mathematics 4, 5 and 6. First term. Four credits. Professor Davis.

S 7b. INTEGRAL CALCULUS. A continuation of 7a. Both terms. Two credits. Professor Davis and Assistant Professor LeSturgeon.

*S 107. PROJECTIVE GEOMETRY. An introductory course. Valuable for teachers of high school geometry. Prerequisites, Mathematics 4 and 5. First term. Two credits. Assistant Professor LeSturgeon.

*S 106. ADVANCED CALCULUS. A second course in calculus, affording a more critical view of the fundamental notions and theorems and including a study of elliptic integrals and functions defined by definite integrals. First term. Two credits. Assistant Professor LeSturgeon.

MUSIC

This department seeks not only to supply means of self-expression but also practical and technical assistance toward the development of men and women who wish to serve as supervisors of music, leaders of bands and orchestras, and as choir directors.

13a. SIGHT READING. An elementary course in music designed for those who have had no previous musical instruction. Helpful to those who wish to express themselves either vocally or instrumentally. Includes teaching of notes, time, etc. First term. Two credits. Professor Lampert.

8a. CHORUS. Selections for mixed voices will be studied for public presentation. First term. One-half credit. Professor Lampert.

2a. MUSICAL APPRECIATION. The object of this course is to provide material and methods for teaching history and appreciation of music in schools, and to enable all, even tho unable to play an instrument, to become acquainted with the art and really enjoy good music when they hear it. First term. One credit. Professor Lampert.

3a. HARMONY. The aim of this course is to give practice in chord combination and writing of melodies. This work forms the basis for the study of musical theory in the public schools. First term. Two credits. Professor Lampert.

4a. PUBLIC SCHOOL MUSIC. This course is for those who wish to fit themselves for the supervision of music in the public schools. First term. Two credits. Professor Lampert.

PHYSICAL EDUCATION AND ATHLETICS

S 8. PRINCIPLES OF COACHING BASKET BALL. Instruction will be given in basket ball with the idea of fitting men to coach. The course

*Only one of the starred courses will be given.

will cover passing, goal throwing, dribbling, team play, how to condition a team, and the different styles of play used by the leading coaches. Open to men and women. Lectures and practical work. First term. One and one-half credits. Professor Boles.

S 9. PRINCIPLES OF COACHING FOOTBALL. The theoretical work will take up the rules from the standpoint of the coach, players and officials; the several styles of offense and defense with consideration for their special strength and weaknesses; generalship and strategy. The practical work will include training, conditioning and players' equipment; punting, drop kicking, place kicking, kick-off, and forward passing; tackling dummy and charging sled; special drills for linemen, ends and back, following the ball, interference and team work; fundamental plays, freak plays, and signal systems. Lectures and practical work. First term. One and one-half credits. Professor Boles.

S 10. PLAYS AND GAMES FOR GRADED AND RURAL SCHOOLS. The possibilities of exercise for graded and rural schools will be shown. Both theoretical and practical work will be given. First term. Two credits. Professor Boles.

PHYSICS

1a. GENERAL ELEMENTARY PHYSICS. For students who have had no previous training in physics. The course covers elementary theory of mechanics and heat. Lectures and recitations two hours daily. Laboratory six hours per week. First term. Five credits. Associate Professor Koppius.

3a. GENERAL COLLEGE PHYSICS. Prerequisite, one year of high school physics and Mathematics 2 and 3. Course covers mechanics, heat and wave motion with particular emphasis on the solution of problems. Lecture and recitation two hours daily. First term. Four credits. Associate Professor States.

S 5. MEASUREMENTS IN MECHANICS AND HEAT. Prerequisite, credit in or simultaneous study of Physics 3a. Lecture two hours per week. Laboratory six hours per week. First term. Two credits. Associate Professor States.

S 12a. TEACHING OF PHYSICS. A course in the teaching of physics designed to meet the needs of teachers of high school physics. Course will cover the organization of material, equipment of laboratory and conduct of a course in high school physics. Lecture and recitations three hours per week. First term. One credit. Associate Professor Koppius.

1b. GENERAL ELEMENTARY PHYSICS. Prerequisite, Physics 1a. A continuation of Physics 1a, covering electricity, sound and light. Lec-

ture and recitation two hours daily. Laboratory six hours per week. Second term. Five credits. Associate Professor Koppius.

3b. GENERAL COLLEGE PHYSICS. Prerequisite, Physics 3a. A continuation of Physics 3a, covering electricity, sound and light. Lecture and demonstrations two hours daily. Second term. Four credits. Associate Professor States.

S 6. ELECTRICAL MEASUREMENTS. Prerequisite, Physics 3a and 5, and credit in or simultaneous study of Physics 3b. Lectures two hours per week. Laboratory six hours per week. Second term. Two credits. Associate Professor States.

S 12b. TEACHING OF PHYSICS. A continuation of Physics S 12a. Lectures and recitations three hours per week. Second term. One credit. Associate Professor Koppius.

PSYCHOLOGY

S 1. INTRODUCTORY PSYCHOLOGY. For those who have never had psychology in college. The course covers in an elementary way the main facts and laws of normal human consciousness. Recitations and demonstrations. First term. Four credits. Assistant Professor Boynton.

103a. HUMAN MEASUREMENTS. Open to those who have had Psychology 1, or its equivalent, or who are carrying it concurrently. Theory of intelligence with a study of individual and group tests of general mental ability. How to use and apply test data. Especially useful for teachers in understanding the intelligence of school children. First term. Two credits. Assistant Professor Boynton.

ROMANCE LANGUAGES

S 1a. ELEMENTARY FRENCH. Open to freshmen. First term. Two credits. Assistant Professor Horsfield.

S 1b. ELEMENTARY FRENCH. Continuation of French 1a. Prerequisite, one year of high school French or French 1a. Second term. Two credits. Mr. Holmes.

S 2a. INTERMEDIATE FRENCH. Prerequisites, two years of high school French or two semesters of college French. First term. Two credits. Assistant Professor Horsfield.

S 101a. FRENCH NOVEL AND DRAMA. First term. Two credits. Assistant Professor Horsfield.

S 5a. ELEMENTARY SPANISH. A course in Spanish for beginners. First term. Two credits. Mrs. Server.

S 5b. ELEMENTARY SPANISH. A continuation of Spanish 5a. Second term. Two credits. Mr. Holmes.

S 103a. INTERMEDIATE SPANISH. First term. Two credits. Mrs. Server.

S 104a. SPANISH LITERATURE. First term. Two credits. Mrs. Server.

*S 2b. INTERMEDIATE FRENCH. (Cont.) Second term. Two credits. Mr. Holmes.

*S 103b. INTERMEDIATE SPANISH. (Cont.) Second term. Two credits. Mr. Holmes.

*S 2b or S 103b will be given, according to demand.

ZOOLOGY

1a. GENERAL ZOOLOGY. The first semester of the regular course in General Zoology. Lecture, recitation and laboratory work. This course is devoted primarily to the study of the invertebrates. Four credits. Given the first term at the University by Mr. Brauer and the second term at the Field Laboratory by Professor Funkhouser.

1b. GENERAL ZOOLOGY. The second semester of the regular course in General Zoology. Lectures, recitations and laboratory work. This course is devoted primarily to a study of the vertebrates. Second term. Four credits. Assistant Professor Allen.

3a. GENERAL ENTOMOLOGY. A beginning course in the study of insects. Gross anatomy, morphology, classification and life histories of representatives of the more important orders. Lectures, laboratory and field work. Given at field laboratory only. Second term. Four credits. Professor Funkhouser.

S 8a. PRINCIPLES OF ZOOLOGY. The first semester of the regular college course. A lecture course on the modern theories of organic evolution. First term. Two credits. Professor Funkhouser.

S 8b. PRINCIPLES OF ZOOLOGY. The second semester of the regular college course. A lecture course on heredity, genetics and eugenics. First term. Two credits. Professor Funkhouser.

9. ANIMAL ECOLOGY. A study of the relation of animals to their environment with special reference to the life histories, habits, associations, economic importance and control. Lectures, laboratory and field work. First term. Three credits. Assistant Professor Allen.

102. ORNITHOLOGY (BIRD STUDY). A study of the life histories, anatomy and physiology of birds with particular reference to the habits, songs, nests, migrations and economic importance of our native birds. Given the first term at the University by Dr. Funkhouser and at the field laboratory by Dr. Allen. Second term at University only. Three credits.

S 11. NATURE STUDY. A course primarily for teachers, studies of birds, insects, flowers, trees, etc., suitable for nature study work in the public schools. Lectures, recitations and laboratory work. Second term. Three credits. Assistant Professor Allen.

110. INDIVIDUAL WORK. Work on special problems outside of class. Open only to seniors and graduate students. Three credits. Both terms. Professor Funkhouser and Assistant Professor Allen.

101a. HISTOLOGY. A course in the technique of the preparation of animal tissues for microscopic study. Special attention is given to methods of preparing, imbedding, sectioning and mounting. Lectures and laboratory work. First term. Three credits. Mr. Brauer.

SUMMER SESSION

DEPARTMENT OF ZOOLOGY

COURSES OF STUDY

At University of Kentucky:

First Term—

- 1a. General Zoology—Brauer.
- 101a. Histology—Brauer.
- S 8a. Principles of Zoology—Funkhouser.
- S 8b. Principles of Zoology—Funkhouser.
- 102. Ornithology—Funkhouser.

Second Term—

- S 11. Nature Study—Allen.
- 1b. Zoology—Allen.

At Field Laboratory, Breathitt county:

First Term—102. Ornithology—Allen.

- 9. Ecology—Allen.
- 110. Individual Work—Allen.

Second Term—

- 3a. Entomology—Funkhouser.
- 1a. General Zoology—Funkhouser.
- 110. Individual Work—Funkhouser.

COLLEGE OF EDUCATION

WILLIAM S. TAYLOR, Ph. D., Dean

AGRICULTURAL EDUCATION

S 180. METHODS OF TEACHING VOCATIONAL AGRICULTURE. A course for teachers and prospective teachers of Vocational Agriculture. The course deals with the nature and purpose of vocational education in agriculture, the selection and organization of teaching content, the application of suitable methods of teaching to the various courses and subjects in vocational agriculture. Part-time courses for adults and for young men who have dropped out of school prematurely are also treated. First term. Two credits. Mr. Barnes.

S 183. RURAL SCHOOL PROBLEMS. Designed particularly to meet the needs of those preparing for the combination position of principal and agriculture teacher. Problems of organization, management, curriculum adjustments, teaching personnel, buildings and grounds, equipment and school finances will be studied in specific applications. Considerable emphasis will be placed on the proper relation of the school and agriculture teacher to extension workers and their programs, farmers' organizations and their programs, and how to conduct school and community fairs. First term. Two credits. Mr. Hunt.

S 184. COMMUNITY STUDIES AND THEIR APPLICATION. The aim is to encourage extramural contacts for the teacher in the rural community. A careful study will be made of the social, economic and other factors affecting rural life and welfare. Emphasis will be placed on cooperation with existing agencies, the determination of potential agencies and basic principles for encouraging the organization of desirable ones. First term. Two credits. Mr. Hunt.

EDUCATIONAL ADMINISTRATION AND SUPERVISION

S 108. PUBLIC EDUCATION IN THE UNITED STATES. An intensive study of educational problems in Kentucky and a comparative study of Kentucky's school laws, regulations and decisions with those of other states. Both terms. Two credits. First term, Mr. Holloway; second term, Assistant Professor Patrick.

S 113. STATE AND COUNTY SCHOOL ADMINISTRATION. The tendencies toward centralization in state and county administration will be analyzed and evaluated. A study of the county will be made with particular reference to its operation in Kentucky. First term. Two credits. Doctor Howard and Assistant Professor Patrick.

S 115. ADMINISTRATION AND SUPERVISION. A general course in school administration in smaller cities. Principles of constructive supervision will be developed. Both terms. Two credits. First term, Doctor Howard; second term, Assistant Professor Patrick.

S 131. FINANCING PUBLIC EDUCATION. A critical study of the costs of education and of methods for providing funds to meet these costs. First term. Two credits. Dean Reeves.

S 125. THE SUPERVISION OF ELEMENTARY INSTRUCTION. This course has been designed especially for teachers who are preparing for work in supervision or who desire a better understanding of the relationship between teacher and supervisor, and for supervisors and principals who are interested in a more thorough understanding of the fundamental principles that underlie the supervision of instruction in the elementary schools. First term. Two credits. Miss Woerner.

S 126. THE JUNIOR HIGH SCHOOL. This is a course designed to give to school administrators in general the plans underlying junior high school organization, the development of junior high schools in the United States and their place in the public school program of the state. First term. Two credits. Mr. Rohn.

S 132. HIGH SCHOOL ADMINISTRATION. A course in the organization and management of high schools, with particular reference to Kentucky high schools. An attempt will be made to make the course practical and the development of the high school curriculum will be emphasized. First term. Two credits. Mr. Holloway.

EDUCATIONAL PSYCHOLOGY

S 16. EDUCATIONAL PSYCHOLOGY. A discussion of the learning process from the experimental and scientific points of view. Both terms. Two credits. First term, Professor Somers; second term, Mr. Hanifan.

S 122. EDUCATIONAL TESTS AND MEASUREMENTS. A course in the theory and practice of measuring educational products and processes. First term. Two credits. Professor Somers.

S 123. STATISTICAL METHODS IN EDUCATION. First term. Two credits. Professor Somers.

HISTORY AND PHILOSOPHY OF EDUCATION

S 117a. HISTORY OF EDUCATION. This course is a survey of the history of education from Greece to the beginning of education in America. First term. Two credits. Dean Tolman.

S 117b. HISTORY OF EDUCATION. A continuation of Education 117a. The Reformation period will be concluded and the emphasis

placed on the 18th and 19th century theorists, particularly Rousseau, Dewey and Montessori. Second term. Two credits. Professor Ligon.

S 121. HISTORY OF EDUCATION IN THE UNITED STATES. This is a course in the history of the development of the public school system in the United States. It is designed to give a background for the appreciation of the aims and purposes of modern public education. Both terms. Two credits. First term, Professor Ligon; second term, Assistant Professor Patrick.

HOME ECONOMICS EDUCATION

S 163. CURRENT PROBLEMS IN HOME-MAKING EDUCATION. A study of aims based on the needs and interests of girls in different types of schools; recent developments in home economics education; the relation of the home economics teacher and department to the rest of the school; coordination with the home; community activities contributing to home-making instruction; publicity and promotional work. First term. Two credits. Assistant Professor Green.

S 165. PROBLEMS IN VOCATIONAL HOME ECONOMICS EDUCATION. A professional course dealing with aims, methods and contemporary secondary educational theories and practices. Designed for those already engaged in teaching home economics. Lectures, class discussions, individual assignments and reports. First term. Two credits. Assistant Professor Green.

INDUSTRIAL EDUCATION

S 170. THE PART-TIME GENERAL CONTINUATION SCHOOL. This is a course designed to meet the needs of teachers and administrators of part-time legislation. It includes the supplying of proper content, a discussion of methods and instructional management, and the finding of the auxiliary agencies essential to the teaching of part-time classes in urban school systems. First term. Two credits. Professor May.

S 171. VOCATIONAL EDUCATION. (Information Course.) Designed to inform students, teachers, administrators, welfare workers and laymen in general of the vocational education movement in our country and abroad. First term. Two credits. Professor May.

S 74. VOCATIONAL GUIDANCE. A course designed to give teachers, principals, superintendents and welfare workers a comprehensive view of the factors in vocational guidance, the agencies contributing to or influencing life choices and an analysis of the human and economic resources of a given civic unit. First term. Two credits. Professor May.

PRINCIPLES AND PRACTICE OF EDUCATION

S 2. METHODS AND AIMS OF TEACHING. A discussion of the teaching process, aims and methods of study, and the preparation of classroom work. First term. Two credits. Miss Beall.

S 3a. ELEMENTARY EDUCATION. An introductory course in education dealing with the organization and problems of the elementary school. First term. Two credits. Mr. Lowry.

S 4. PRINCIPLES OF EDUCATION. A study of the principles of educational theory and practice. Required of students majoring in education. Both terms. Two credits. First term, Assistant Professor Patrick; second term, Mr. Hanifan.

S 18. MODERN EDUCATIONAL PROBLEMS. A lecture course on modern educational problems. An opportunity is given to all teachers to take this course. No text is required. First term. One credit. Dean Taylor and others.

S 35. SURVEY OF EDUCATION. A course designed for students who desire an introduction to the whole field of education. Open only to persons who have not had a course in education. First term. Two credits. Miss Beall.

36. THE TEACHING OF READING IN THE ELEMENTARY SCHOOL. A practical course in methods of teaching oral and silent reading in the grades. Discussion of aims, type lessons, means of testing, and appropriate reading material for each grade. First term. Two credits. Mrs. Duncan.

37. PRIMARY METHODS. Discussion of principles and methods involved in the teaching of the primary grades. Language and arithmetic selected for special consideration. First term. Two credits. Mrs. Duncan.

38. SCOUTING AND SCOUTCRAFT. A course dealing with the aims and objectives of the boy scout and camp fire girl movements; the influence of these organizations on boys and girls; their value to the public school program; methods of achieving the desired goals through the scout movement. First term. Two credits. Mr. Gresham.

S 109. PRINCIPLES OF SECONDARY EDUCATION. This course aims to develop the fundamental principles of secondary education. It will include a discussion of the development of the secondary curriculum and its relationship to college. Both terms. Two credits. Professor Ligon.

S 105. THE TECHNIQUE OF TEACHING. This course deals with methods of teaching in the high school. Motivation and the project method will be given special attention. Both terms. Two credits. Professor Ligon.

114a. EDUCATIONAL SOCIOLOGY. A study of the development of the social mind with special reference to education. First term. Two credits. Dean Taylor.

114b. EDUCATIONAL SOCIOLOGY. A continuation of Education 114a. Second term. Two credits. Dean Taylor.

S 127. PROBLEMS IN CURRICULUM BUILDING. A critical study of the content of the curriculum and of the principles which should guide us in curriculum building. Both terms. Two credits. First term Mr. Rohn; second term Mr. Hanifan.

S 128. PRINCIPLES OF METHOD. This course deals with the development and formulation of the fundamental principles of teaching based upon the psychology of the learning process and upon the more recent developments in the theories of education relative to the function of the school. First term. Two credits. Mr. Rohn.

129. THE TEACHING OF HIGH SCHOOL MATHEMATICS. A study of the objectives of high school mathematics; the course and content of each; the adjustment of mathematics courses to high schools of different sizes and high schools operating under the different social conditions; and a careful study of methods and materials used in teaching mathematics. First term. Two credits. Miss Beall.

130. THE TEACHING OF HEALTH IN PUBLIC SCHOOLS. A course dealing with the objectives of health education and methods of reaching these objectives through instruction and through the formation of health habits on the part of the public school children. First term. Two credits. Dr. Chambers.

COLLEGE OF ENGINEERING

F. PAUL ANDERSON, M. E., Dean

CIVIL ENGINEERING

S 21. HYDRAULICS. This course consists of textbook exercises together with the solution of numerous problems covering the principles of hydrostatics and hydrodynamic pressure; the flow of water through orifices, nozzles, over weirs and through pipes and open channels; also the loss from friction and other sources. Prerequisite, Physics 3a, Mathematics 7a. Both terms. Two credits. Professor Freeman.

DRAWING

S 1a. MECHANICAL DRAWING. (a) Freehand lettering; (b) exercises in the use of instruments; (c) projections from pictorial views and descriptions; (d) exercises in tinting and shading; (e) tracing; (f) blueprinting. First term. Two credits. Assistant Professor Horine.

S 1b. MECHANICAL DRAWING. Continuation of Drawing 1a. First term. Two credits. Assistant Professor Horine.

S 3. DESCRIPTIVE GEOMETRY. This work includes, first, the discussion of descriptive geometry as a branch of pure mathematics; later comes a consideration of the application of descriptive geometry principles as an aid to engineering drawing. The lectures and recitations are supplemented by work in the drawing room. Prerequisite, Mathematics 2. First term. Four credits. Assistant Professor Horine.

S 4a. ADVANCED DRAWING. Comprising: (a) Working drawings of parts of machines and complete machines, both detail and assembly; (b) technical sketching; (c) plotting of surveys. Prerequisite, Drawing 1b. First term. Two credits. Assistant Professor Horine.

S 4b. ADVANCED DRAWING. Continuation of Drawing 4a. First term. Two credits. Assistant Professor Horine.

ELECTRICAL ENGINEERING

S 3. ALTERNATING CURRENTS. This work involves a study of the fundamental laws of alternating current measuring instruments, generators, motors, transformers and converters. Prerequisite, Electrical Engineering 1. Both terms. Two credits. Professor Freeman.

S 9b. ELECTRICAL LABORATORY. This is a continuation of course 9a and is intended to parallel course 3. Prerequisite, Electrical Engineering 9a. Electrical Engineering 3 must have been completed or be taken coordinately. Both terms. One credit. Professor Freeman.

ENGINEERING MECHANICS

S 6. ANALYTICAL MECHANICS. This subject is given with a view to encouraging original analysis, logical proofs and rational conclusions with respect to the treatment of the equilibrium and motion of bodies under the action of forces. The application of the fundamental principles of mechanics to engineering problems is treated in a way calculated to interest the student in the application of analytical mechanics in his engineering work. Prerequisites. Physics 3a, Mathematics 7b (Calculus, second part), must be completed or taken coordinately. Both terms. Four credits. Professor Johnson or Professor Freeman.

PRACTICAL MECHANICS

S 7a. WOOD SHOP AND FOUNDRY. This course covers bench work, wood turning, pattern making and foundry practice. First term, 2.7 credits. Assistant Professor Dicker.

S 7b. WOOD SHOP AND FOUNDRY. A continuation of course 7a. First term. 2.7 credits. Assistant Professor Dicker.

S 8a. FORGE, MACHINE AND AUTOMOBILE SHOPS. Prerequisite, Practical Mechanics 7b. First term. Two credits. Mr. Thurman.

S 8b. FORGE, MACHINE AND AUTOMOBILE SHOPS. This is a continuation of course 8a. First term. Two credits. Mr. Thurman, Mr. Saunier and Mr. Singer.

COLLEGE OF LAW

CHARLES J. TURCK, A. M., LL. B., Dean

SCOPE OF LAW COURSES

The courses offered in the summer session in law are exactly the same in scope and in the kind and amount of work required as the same courses in the regular sessions of the College of Law. Approximately one-third of a year's work can be accomplished in the summer session. Students who attend three summer sessions will shorten the time required for obtaining the law degree by nine months, and by attending two regular academic sessions will be entitled to the degree.

The requirements for entering the College of Law until the fall of 1925 is one year of college work. The summer session of 1925 is the last opportunity to enter the College of Law with one year of college work. Beginning with the session of 1925-26, the requirement for entrance will be two years of college work, or sixty semester credits.

Provision has been made in the selection of courses for students beginning the study of law and for those who have had some training in legal study.

The College of Law of the University of Kentucky is a member of the Association of American Law Schools, which embraces in its membership all the leading law schools of America, and is on the approved list of law schools prepared by the American Bar Association.

COURSE OF STUDY

FOR FIRST YEAR STUDENTS

COMMON AND STATUTE LAW OF KENTUCKY. An introductory course in the fundamental principles of the jurisprudence of the State. Four credits. Professor Chalkley.

TORTS. This course deals with the primary legal wrongs such as trespass, assault and battery, conversion, defamation, false imprisonment, malicious prosecution and negligence. Six credits. Professor Scarborough.

FOR SECOND AND THIRD YEAR STUDENTS

***PROPERTY IV (FUTURE INTERESTS).** This course covers the subjects of conditions, reversions, remainders, construction of limitations, powers, the rule against perpetuities and restraints on alienation. Three credits. Professor Roberts.

*BANKRUPTCY. This course includes the jurisdiction of the bankruptcy court, prerequisites for adjudication, administration of the bankrupt's estate, compositions and discharge in bankruptcy. Two credits. Professor Roberts.

CONSTITUTIONAL LAW. Among the subjects taken up will be the function of the judiciary in enforcing constitutions; the separation and delegation of powers of government; personal liberty; the privileges and immunities of citizenship; due process of law; eminent domain; federal taxation; interstate commerce; impairment of the obligations of contracts; and retroactive laws. Four credits. Professor Chalkley.

MUNICIPAL CORPORATIONS. This course includes the problem of legislative power over the municipality, the implied powers, liability in tort and contract, property rights, municipal undertakings and modes of action. Two credits. Professor Scarborough.

*First term only.

SCHEDULE OF LECTURES AND RECITATIONS SUMMER SESSION, 1925

EXPLANATIONS AND ABBREVIATIONS

Colleges are arranged according to order in the catalog and the departments of each college are arranged alphabetically.

Days of recitation are indicated by the initial letters of the days. The buildings are indicated as follows: A, Administration; Agr., Agriculture; BB, Basket Ball Auditorium; C & P, Civil and Physics; E, Education; ES, Experiment Station; KH, Kastle Hall; MG, Men's Gymnasium; WG, Women's Gymnasium; M, Mining; ML, Mining Laboratory; M & E, Mechanical and Electrical; NS, New Shop; OC, Old Chemistry; PH, Patterson Hall; S, Science; SF, Stoll Field; SP, Stock Judging Pavilion; SL, Serum Laboratory; WH, White Hall; NH, Neville Hall; FEL, Farm Engineering Laboratory; LT, Little Theater.

RECITATION HOURS

First hour:	8:00— 8:50
Second hour:	8:57— 9:47
Third hour:	9:54—10:44
Fourth hour:	10:51—11:41
Fifth hour:	11:48—12:38

NOON HOUR

Sixth hour:	1:40— 2:30
Seventh hour:	2:37— 3:27
Eighth hour:	3:34— 4:24
Ninth hour:	4:31— 5:21

As will be noted from the schedule following, a few classes have been scheduled at 7:10 a. m., in order to avoid conflicts.

CHANGES IN THE PRINTED SCHEDULE

Any variation from the printed schedule must be authorized by the Registrar, who requires the approval of the Dean and the head of the department concerned.

This schedule is published for the convenience of students in making up their courses before arriving at the University. It is subject to such slight changes as it may be necessary to make before the opening of the session. The University reserves the right to cancel any undergraduate course if as many as eight students fail to apply for it or any graduate course for which fewer than four students register.

FIRST TERM
COLLEGE OF AGRICULTURE
 THOMAS P. COOPER, B. S. in Agr., Dean and Director

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
AGRONOMY						
S2	Soil Management	1	Daily	Agr.	303	Karraker
S11	Farm Crops	4, 5	Daily	Agr.	304	Fergus
ANIMAL INDUSTRY						
S1 ₁	Market Classes and Grades of Livestock, Lec.	1	Daily	Agr.	303	Horlacher
S1 ₂	Market Classes and Grades of Livestock, Lab.	6, 7½	MW	JP		Horlacher
S2 ₁	Farm Poultry Production, Lec.	3	Daily	Agr.	301	Martin
S2 ₂	Farm Poultry Production, Lab.	6, 7½	TTh	JP		Martin
S5 ₁	Farm Dairying, Lec.	4	Daily	Agr.	205	Hooper
S5 ₂	Farm Dairying, Lab.	6, 7½	MW	Agr.	4	Hooper
S17 ₁	Breeds of Livestock, Lec.	2	Daily	Agr.	303	Horlacher
S17 ₂	Breeds of Livestock, Lab.	6, 7½	TTh	JP		Horlacher
S104	Animal Breeding, Lec.	4, 5	Daily	Agr.	304	Anderson
S107	Sheep Production	By Appt.				Horlacher
*S109 ₁	Poultry Judging & Breeding, Lec.	4	Daily	Agr.	303	Martin
S109 ₂	Poultry Judging & Breeding, Lab.	6, 7½	MW	Agr.		Martin
*S112 ₁	Advanced Poultry Production, Lec.	4	Daily	Agr.	303	Martin
S112 ₂	Adv. Poultry Production, Lab.	6, 7½	MW	Agr.		Martin
S117	Livestock Feeding, Lec.	2, 3	Daily	Agr.	304	Good
S119	Genetics, Lec.	1, 2	{ MT WTh }	Agr.	301	Anderson
HOME ECONOMICS						
S9 ₁	Foods, Lec.	1	MWF	Agr.	202	Hopkins
S9 ₂	Foods, Lab.	3, 4	Daily	Agr.	103	Hopkins
S10 ₁	Clothing, Lec.	2	MWF	Agr.	202	Hopkins
S10 ₂	Clothing, Lab.	6, 7	Daily	Agr.	202	Hopkins
S16	Teaching of Health and Nutrition in the Public Schools.....	5	Daily	Agr.	205	Fitzgerald
S17	Teaching Methods of Field Work in Nutrition	1	Daily	Agr.	205	Fitzgerald
*Only one of courses 109 and 112 will be given to be determined by the demand.						

COLLEGE OF ARTS AND SCIENCES
 PAUL P. BOYD, Ph. D., Dean

ANCIENT LANGUAGES						
S1	Beginning Latin	1	Daily	A	303	Jones
S3	Cicero and Sallust	2	Daily	A	303	Jones
S4a	Ovid and Vergil	4	Daily	A	303	Jones
S5	Livy or Horace	5	Daily	A	303	Jones
S51	Elementary Greek	3	Daily	A	303	Jones
S109	Latin Literature	By Appt.	Daily	A	303	Jones
Students who cannot be accommodated in this schedule will have special arrangements made for them.						

COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
ART						
S1a	Drawing and Painting	1, 2	Daily	WH	306	Meyer
2a	{ Art Structure	4	Daily	WH	306	Meyer
	} Art Structure, Lab.		By Appt.	WH	306	Meyer
S10	The Teaching of Art in Public Schools	3	Daily	WH	306	Meyer
BACTERIOLOGY						
102 ₁	Gen. Bacteriology, Lec.	1	Daily	NH	205	Scherago
102 ₂	Gen. Bacteriology, Lab.	2, 3	Daily	NH	106	Scherago
7 ₁	Fundamentals of Bacteriol., Lec...	3	Daily	NH	205	Scherago
7 ₂	Fundamentals of Bacteriol., Lab...	4, 5	MWF	NH	106	Scherago
BOTANY						
1a ₁	General Botany, Lab.	3, 4	Daily	WH	102	McFarland
1a ₂	General Botany, Lec.	2	Daily	WH	101	McFarland
S20	Dendrology	1	Daily	WH	101	McFarland
CHEMISTRY						
1a	General Inorganic Chemistry.....	1, 2, 3, 4	Daily	KH		Mitchell
3	Inorganic Preparations	1, 2	Daily	KH		Stewart and Barkenbus
4	Qualitative Analysis	1, 2, 3, 4	Daily	KH		Stewart
7	Organic Chemistry	2, 3, 4	Daily	OC		Barkenbus
ECONOMICS AND SOCIOLOGY						
Economics						
S1a	Principles of Economics	1	Daily	WH	CP	Wiest
S2	Econ. Hist. of Europe	3	Daily	WH	205	Wiest
S101	Bus. Orgn. and Crop Finance.....	4	Daily	WH	205	Wiest
S102	Labor Problems	3	Daily	WH	206	Leland
S108	Insurance	1	Daily	WH	205	Leland
S109a	Business Law	2	Daily	WH	205	Leland
Sociology						
S51a	Principles of Sociology	2	Daily	WH	CP	Best
S151	Social Dependence	4	Daily	WH	206	Best
S156	Immigration	1	Daily	WH	206	Best
ENGLISH LANGUAGE AND LITERATURE						
S1a	Eng. Composition	1	Daily	NH	205	Yates
S1b	Eng. Composition	3	Daily	A	205	Yates
S3b	History of Eng. Literature	4	Daily	A		Yates
S106	English Romanticism	3	Daily	A	302	Jones
S110	Shakspeare	1	Daily	A	301	Knight
S111	The Novel	4	Daily	A	301	Knight
S114	American Literature	4	Daily	A	302	Jones
S116	Contemporary Drama	3	Daily	A	301	Knight
S120	Pronunciation of Modern Eng.	1	Daily	A	205	Dantzler
S201a	Literary Criticism	4	Daily	A	205	Dantzler
S205	Chaucer	1	Daily	A	302	Jones
105	Browning	2	Daily	A	205	Dantzler

COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
GEOLOGY						
S1a	Physiography	1	Daily	S	203	Robinson
S17	Conservat'n of Natural Resources	2	Daily	S	203	Robinson
16a	Mineral Resources	4	Daily	S	203	Robinson
GERMAN LANGUAGE AND LITERATURE						
S1a	Elementary German	1	Daily	A	203	Melcher
S1b	Elementary German	2	Daily	A	203	Melcher
S2a	Intermediate German	3	Daily	A	203	Melcher
S2b	Intermediate German	3	Daily	A	203	Melcher
S3a	Composition and Reading	4	Daily	A	203	Melcher
S3b	Composition and Reading	4	Daily	A	203	Melcher
S4a	Adv. Reading and Composition.....	By Appt.	Daily	A	203	Melcher
S6	Scientific German	By Appt.	Daily	A	203	Melcher
Special arrangements will be made for students who cannot accommodate themselves to this schedule.						
HISTORY						
40	History of Kentucky.....	2	Daily	A		Cotterill
S125a	History of the South.....	3	Daily	A		Cotterill
S130	History of the West.....	1	Daily	A		Cotterill
POLITICAL SCIENCE						
S51a	American Government	1	Daily	A		Jones
S155a	Comparative Government	2	Daily	A		Jones
60	American Foreign Service	3	Daily	A		Jones
HYGIENE						
105a	Hygiene	2	Daily	NH	302	Lipscomb
2	First Aid in Emergencies	3	Daily	NH	302	Lipscomb
MATHEMATICS						
S6	Analytic Geometry	1, 2	Daily	C&P	310	LeStourgeon
S5	College Algebra	3, 4	Daily	C&P	310	Brown
*S106	Advanced Calculus	5	Daily	C&P	308	LeStourgeon
*S107	Projective Geometry	5	Daily	C&P	308	LeStourgeon
S7a	Differential Calculus	3, 4	Daily	C&P	303	Davis
S7b	Integral Calculus	2	Daily	C&P	310	Davis
S4	Plane Trigonometry	6, 7	Daily	C&P	310	Brown
*Only one of these courses will be given, according to demand.						
MUSIC						
13a	Sight Reading	1	{ MTW } { ThF }	WH	301	Lampert
2a	Music Appreciation	2	MWF	WH	301	Lampert
3a	Harmony	3	{ MTW } { ThF }	WH	301	Lampert
4a	Public School Music	4	{ MTW } { ThF }	WH	301	Lampert
8a	Chorus	6	MWF	WH	301	Lampert

COLLEGE OF ARTS AND SCIENCES—Continued

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
PHYSICAL EDUCATION AND ATHLETICS						
S8	Prin. of Coaching Basketball (Men and Women)	2	Daily	BB		Boles
S9	Prin. of Coaching Football	3	Daily	BB		Boles
S10	Plays and Games for Graded and Rural Schools	4, 5	Daily	BB		Boles
PHYSICS						
1a ₁	Gen. Elementary Ph., Lec. & Rec.	2, 3	Daily	C&P	200	Koppius
1a ₂	Elementary Ph., Lab.	0, 1	MWF	C&P	203	Koppius
3a	General College Physics	0, 1	Daily	C&P	200	States
S5 ₁	Meas. in Mechan. and Heat, Lec.	2	TTh	C&P	103	States
S5 ₂	Meas. in Mechan., Lab.	2, 3	MWF	C&P	103	States
S12a	Teaching of Physics	1	TTh	C&P	103	Koppius
		1 hr.	By Apt.			
PSYCHOLOGY						
S1	Introductory Psychology	1 & 2	Daily	NH	204	Boynton
108a	Human Measurements	3	Daily	NH	204	Boynton
ROMANCE LANGUAGES						
S1a	Elem. French	2	Daily	A	204	Horsfield
S2a	Inter. French	3	Daily	A	204	Horsfield
S101a	French Novel and Drama	4	Daily	A	204	Horsfield
S5a	Elem. Spanish	2	Daily	NH	304	Server
S103a	Inter. Spanish	3	Daily	NH	304	Server
S104a	Spanish Literature	4	Daily	NH	304	Server
ZOOLOGY						
1a ₁	General Zoology, Lab.	7:30 8:50	Daily	S	108	Brauer
1a ₂	General Zoology, Rec.	2	Daily	S	103	Brauer
S8a	Principles of Zoology (Evolution)	3	Daily	S	108	Funkhouser
S8b	Principles of Zoology (Heredity)	4	Daily	S	108	Funkhouser
101a ₁	Histology, Rec.	3	Daily	S	103	Brauer
101a ₂	Histology, Lab.	4	Daily	S	103	Brauer
102 ₁	Ornithology, Lec.	2	Daily	S	108	Funkhouser
102 ₂	Ornithology, Field Work		By Appt.			Funkhouser

COLLEGE OF EDUCATION
WILLIAM S. TAYLOR, Ph. D., Dean
FIRST TERM

AGRICULTURAL EDUCATION						
S180	Meth. of Teaching Voc. Agr.	1	Daily	NH	303	Barnes
S183	Rural School Problems	3	Daily	NH	303	Hunt
S184	Community Studies and Their Application	6	Daily	NH	303	Hunt
ADMINISTRATION AND SUPERVISION						
S132	High School Administration	1	Daily	Ed.	Aud	Holloway
S115	Administration and Supervision	4	Daily	Ed.	204	Howard and Patrick
S113	State and County School Adminis.	1	Daily	Ed.	204	Howard and Patrick

COLLEGE OF EDUCATION—Continued

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
ADMINISTRATION AND SUPERVISION—Continued.						
S126	The Junior High School	3	Daily	Ed.	204	Rohn
S125	The Supervision of El. Instruc....	3	Daily	Ed.	205	Woerner
S108	Public Education in the U. S.....	2	Daily	Ed.	201	Holloway
S131	Financing Public Education.....	7	Daily	Ed.	204	Reeves
S132	High School Administration					
EDUCATIONAL PSYCHOLOGY						
S16	Educational Psychology	7	Daily	Ed.	105	Somers
S122	Educa. Tests & Measurements.....	1	Daily	Ed.	205	Somers
S123	Statistical Methods in Education	4	Daily	Ed.	205	Somers
HISTORY OF EDUCATION						
S117a	History of Education	7	Daily	Ed.	106	Tolman
S121	History of Education in U. S.....	1	Daily	Ed.	201	Ligon
HOME ECONOMICS EDUCATION						
S165	Problems in Vocational Home Economics Education	2	Daily	NH	305	Green
S163	Current Problems in Home Making Education	4	Daily	NH	305	Green
INDUSTRIAL EDUCATION						
S74	Vocational Guidance	4	Daily	NH	303	May
S170	Part-Time Continuation School Education	2	Daily	NH	303	May
S171	Vocational Education	1	Daily	NH	303	May
PRINCIPLES AND PRACTICE OF EDUCATION						
S2	Methods and Aims of Teaching....	1	Daily	Ed.	106	Beall
S3a	Elementary Education	2	Daily	Ed.	205	Lowry
S4	Principles of Education	6	Daily	Ed.	105	Patrick
S18	Modern Educational Problems.....	5	Daily	Ed.	Aud	Taylor & others
S105	Technique of Teaching	1	Daily	Ed.	105	Ligon
S109	Prin. of Secondary Education.....	6	Daily	Ed.	106	Ligon
114a	Educational Sociology	4	Daily	Ed.	105	Taylor
S127	Problems in Curriculum Building	6	Daily	Ed.	204	Rohn
S128	Principles of Method.....	2	Daily	Ed.	106	Rohn
129	Teaching of Mathematics	3	Daily	Ed.	106	Beall
130	Teaching of Health	3	Daily	Ed.	105	Chambers
S35	Survey of Education	4	Daily	Ed.	106	Beall
134	Teaching of the Social Sciences..	3	Daily	Ed.	201	Lowry
36	Teaching of Reading in the Elementary School	1	Daily	Ed.	202	Duncan
37	Primary Methods	2	Daily	Ed.	202	Duncan
38	Scouting and Scoutcraft	3	Daily	Ed.	202	Gresham

COLLEGE OF ENGINEERING

PAUL ANDERSON, M. E., Dean

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
CIVIL ENGINEERING						
S21	Hydraulics	3	Daily	MH	208	Freeman
DRAWING						
S1a	Mechanical Drawing	15 hrs.	By Apt.	C&P	207	Horine
S1b	Mechanical Drawing	15 hrs.	By Apt.	C&P	207	Horine
S4a	Advanced Drawnig	15 hrs.	By Apt.	C&P	207	Horine
S4b	Advanced Drawing	15 hrs.	By Apt.	C&P	207	Horine
S3	Descriptive Geometry	3 & 4	Daily	C&P	207	Horine
ELECTRICAL ENGINEERING						
S3	Alternating Currents	2	Daily	MH	202	Freeman
S9b	Electrical, Lab.	6 hrs.	By Apt.	MH	108	Freeman
ENGINEERING MECHANICS						
S6	Analytical Mechanics	4 & 5	Daily	MH	201	Johnson or Freeman
PRACTICAL MECHANICS						
S7a	Wood Shop and Foundry	20 hrs.	By Apt.	NS		Dicker
S7b	Wood Shop and Foundry	20 hrs.	By Apt.	NS		Dicker
S8a	Forge, Machine & Auto Shops.....	15 hrs.	By Apt.	NS		Thurman
S8b	Forge, Machine & Auto Shops.....	15 hrs.	By Apt.	NS		Thurman, Saunier and Singer

COLLEGE OF LAW

CHARLES J. TURCK, M. A., LLB., Dean

First Year						
Common & Statute Law of Ky....	3	D&Sat.	S	308	Chalkley	
Torts	2	D&Sat.	S	308	Scarborough	
		4	MWF			
Second and Third Years						
Constitutional Law	2	D&Sat.	S	307	Chalkley	
Municipal Corporations	4	TThS	S	307	Scarborough	
*Property IV (Future Interests).	1	D&Sat.	S	307	Roberts	
*Bankruptcy	3	TWFS	S	307	Roberts	
*First term only.						

SECOND TERM
COLLEGE OF ARTS AND SCIENCES

Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
CHEMISTRY						
1b	General Inorganic Chemistry.....	1, 2, 3, 4	Daily	KH		Mitchell
ECONOMICS						
S1b	Principles of Economics	1	Daily	WH	CP	Leland
S104	Public Finance	2	Daily	WH	CP	Leland
S109b	Business Law	3	Daily	WH	CP	Leland
ENGLISH						
S1a	English Composition	1	Daily	A	301	Hickerson
S1b	English Composition	2	Daily	A	301	Hickerson
S3a	History of English Literature.....	3	Daily	A	301	Hickerson
S111	The Novel	1	Daily	A	205	Knight
HYGIENE						
103	School Hygiene	2	Daily	NH	302	Rush
105b	Hygiene	2	Daily	NH	302	Rush
HISTORY						
S119	French Revolution and 19th Century	3	Daily	A		Tuthill
118	Theories and Teaching of History	4	Daily	A		Tuthill
S125b	Reconstruction, 1865-1875	4	Daily	A		Stephenson
POLITICAL SCIENCE						
S155b	Comparative Government	2	Daily	A		Stephenson
S51b	American Government	3	Daily	A		Stephenson
MATHEMATICS						
S1	Elementary Algebra	1	Daily	C&P	303	LeSturgeon
S2	Solid Geometry	2	Daily	C&P	303	LeSturgeon
S7b	Integral Calculus	3	Daily	C&P	303	LeSturgeon
PHYSICS						
1b	Gen. Elem. Phys., Lec & Rec.....	2, 3	Daily	C&P	200	Koppius
1b	Gen. Elementary Phys., Lab.....	0, 1	MWF	C&P	203	Koppius
3b	General College Physics	0, 1	Daily	C&P	200	States
S6 ₁	Meas. in Elec., Lec.	2	TTh	C&P	103	States
S6 ₂	Meas. in Elect., Lab.	2, 3	MWF	C&P	103	States
S12b	Teaching of Physics	1	TTh	C&P	103	Koppius
		1 hr	By Apt.			
ROMANCE LANGUAGES						
S1b	Elementary French	2	Daily	A	204	Holmes
*S2b	Inter. French (Cont.)	1	Daily	A	204	Holmes
*S103b	Inter. Spanish (Cont.)	1	Daily	A	204	Holmes
S5b	Elem. Spanish (Cont.)	3	Daily	A	204	Holmes

*S2b or S103b will be given, according to demand.

COLLEGE OF ARTS AND SCIENCES—Continued.

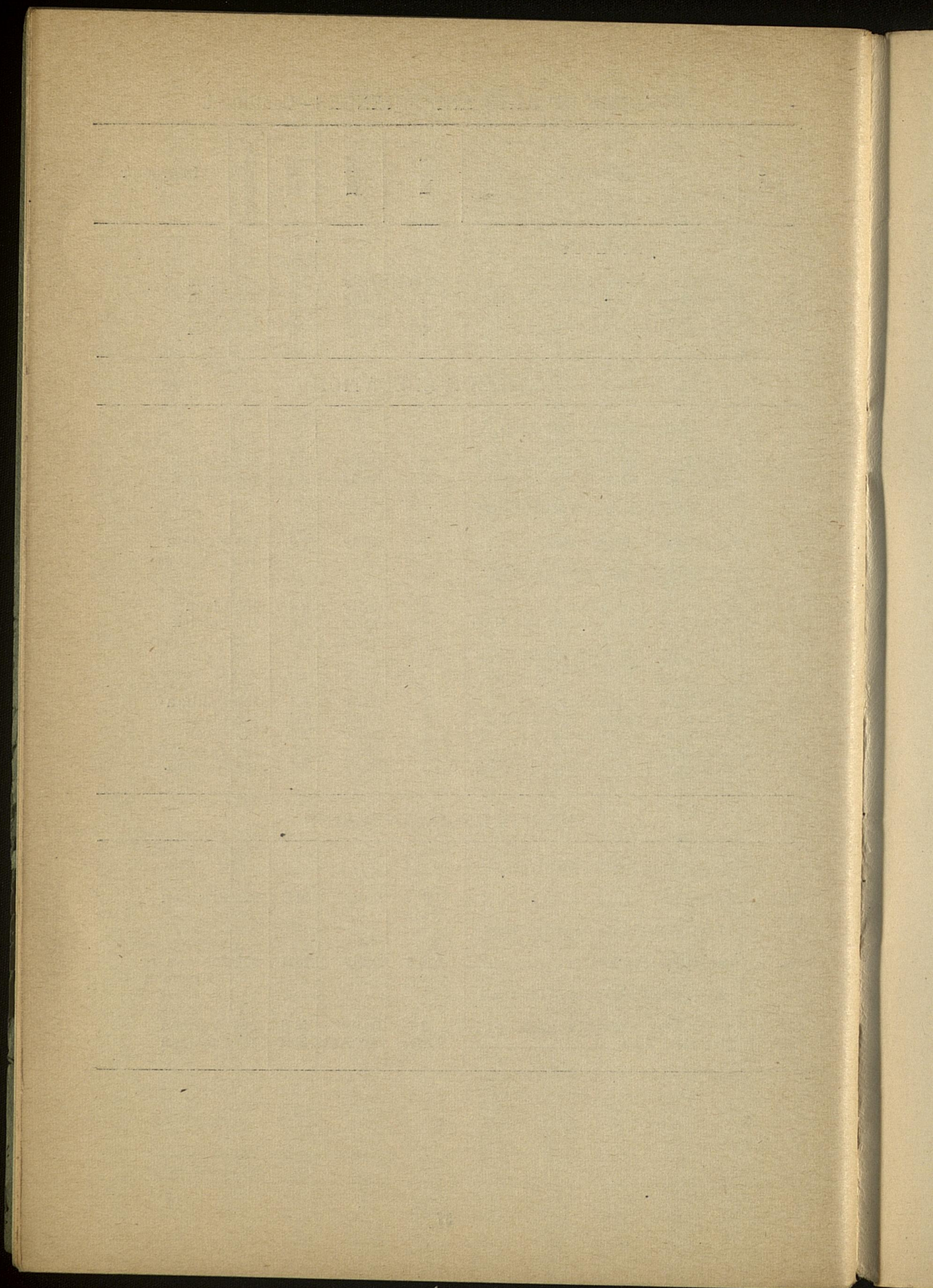
Course No.	SUBJECT	Hour	Days	Bldg.	Room No.	Instructor
ZOOLOGY						
1b ₁	General Zoology, Lab.	7:30 8:50	Daily	S	108	Allen
1b ₂	General Zoology, Rec.	2	Daily	S	105	Allen
S11 ₁	Nature Study, Lec.	3	Daily	S	108	Allen
S11 ₂	Nature Study, Lab.	4	Daily	S	105	Allen

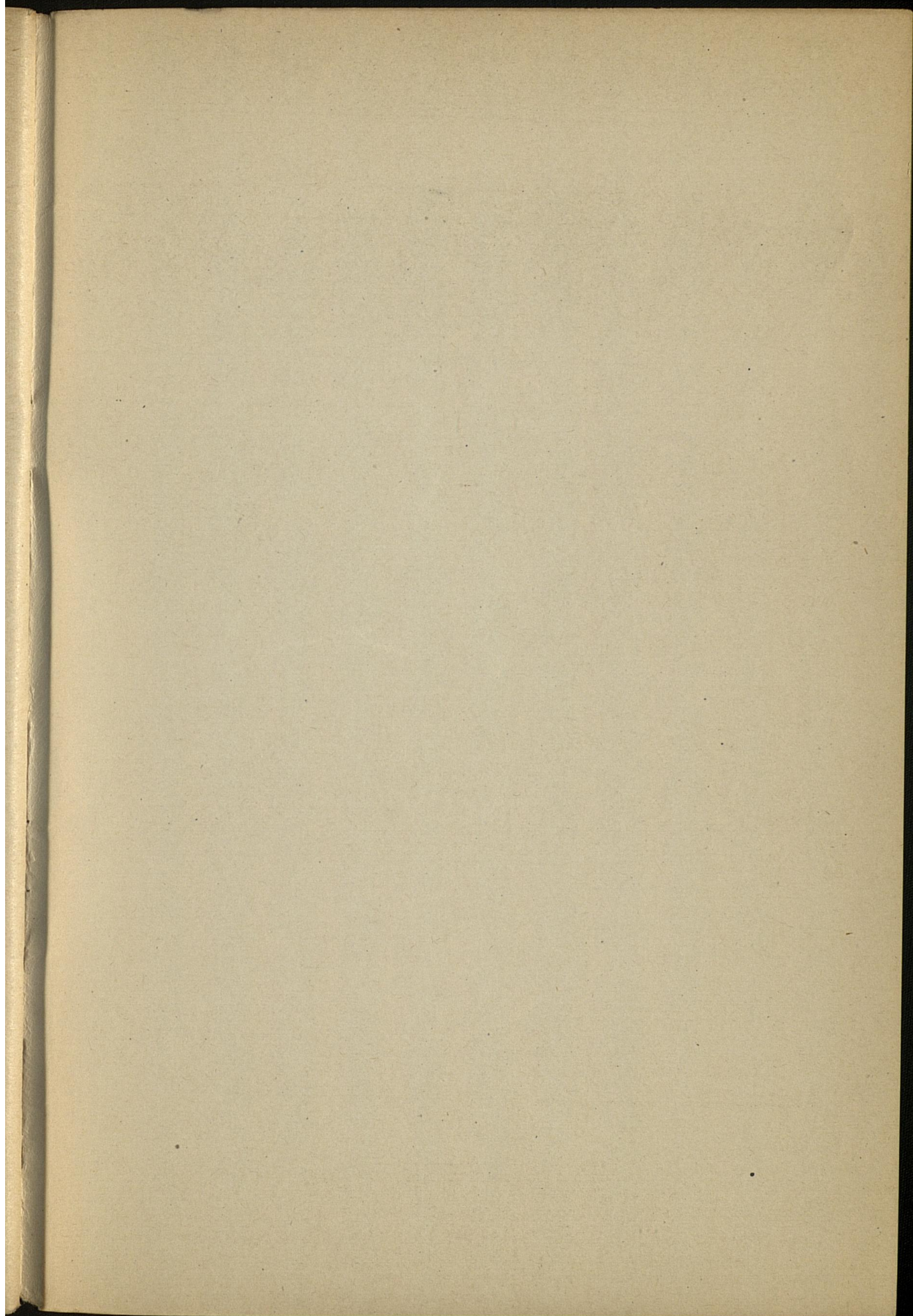
COLLEGE OF EDUCATION

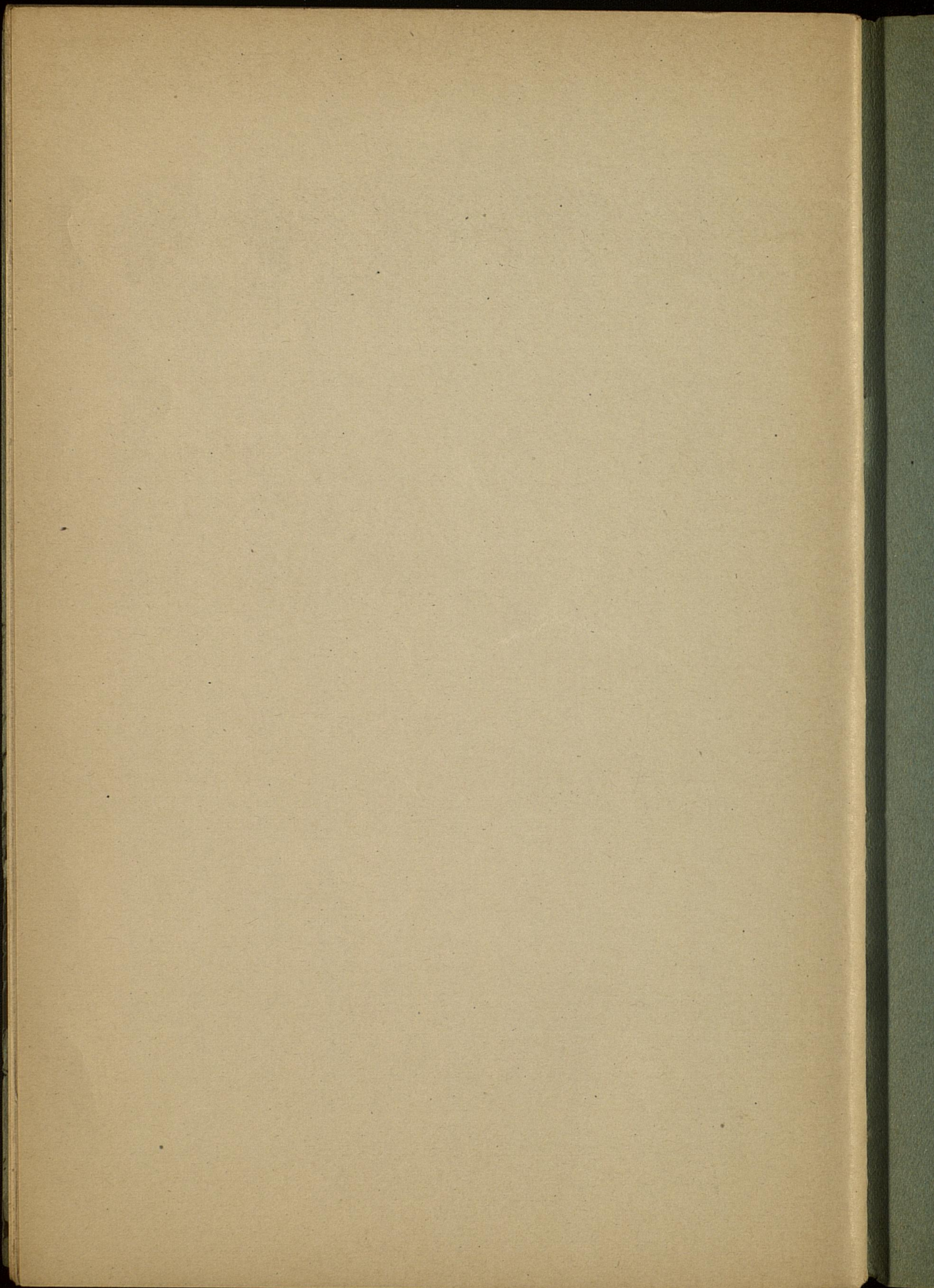
ADMINISTRATION AND SUPERVISION						
S115	Administration and Supervision.....	2	Daily	Ed.	105	Patrick
S108	Public Education in the U. S.....	3	Daily	Ed.	106	Patrick
EDUCATIONAL PSYCHOLOGY						
S16	Educational Psychology	1	Daily	Ed.	106	Hanifan
HISTORY OF EDUCATION						
S117b	History of Education	3	Daily	Ed.	105	Ligon
S121	History of Education in the U. S.	6	Daily	Ed.	105	Patrick
PRINCIPLES AND PRACTICE OF EDUCATION						
S4	Principles of Education	4	Daily	Ed.	106	Hanifan
S109	Prin. of Secondary Education.....	6	Daily	Ed.	106	Ligon
S105	Technique of Teaching	1	Daily	Ed.	105	Ligon
114b	Educational Sociology	4	Daily	Ed.	105	Taylor
S127	Problems in Curriclum Building..	2	Daily	Ed.	106	Hanifan

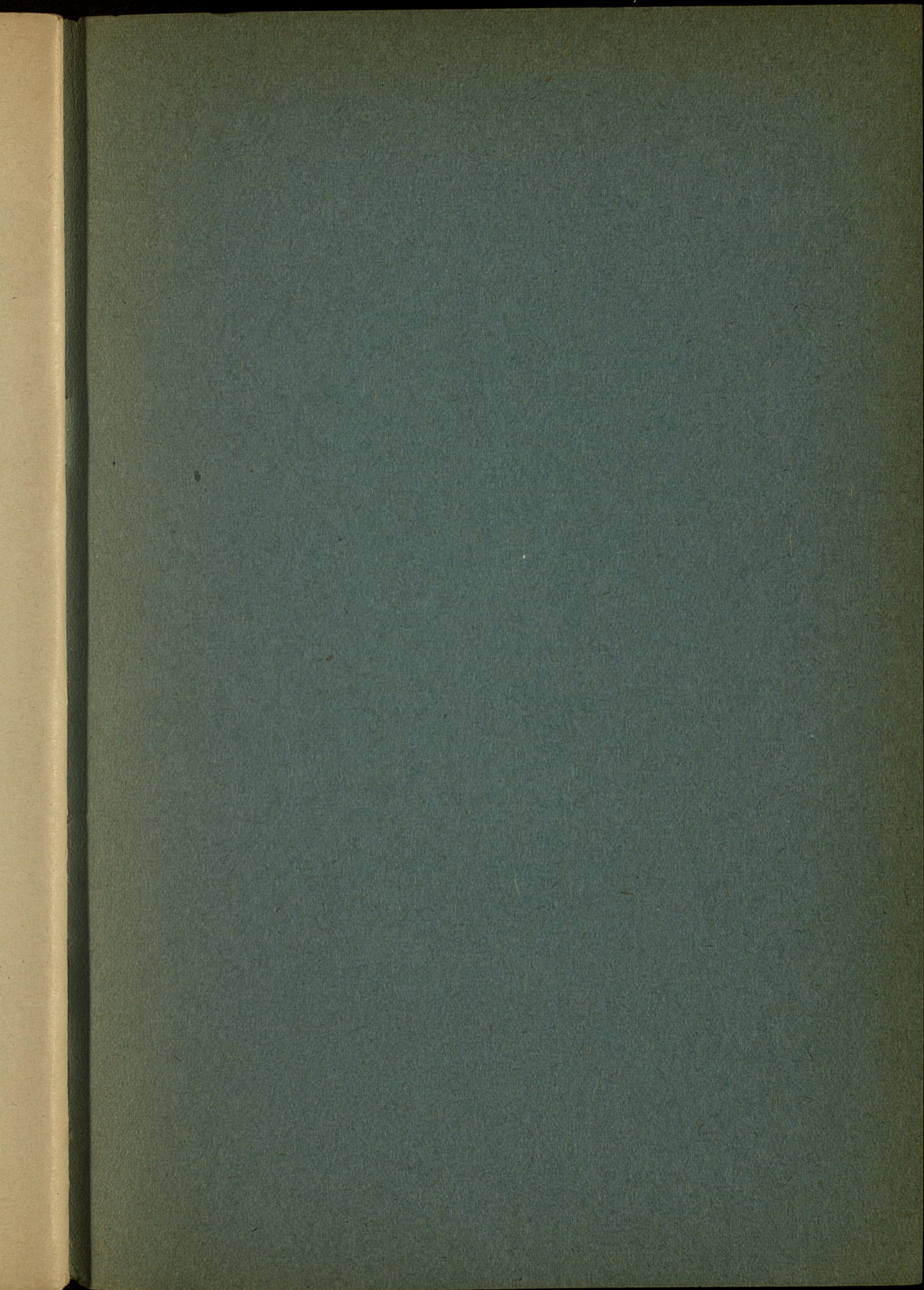
COLLEGE OF ENGINEERING

CIVIL ENGINEERING						
S21	Hydraulics	3	Daily	MH	202	Freeman
ENGINEERING MECHANICS						
S6	Analytical Mechanics	4 & 5	Daily	MH	202	Johnson or Freeman
ELECTRICAL ENGINEERING						
S3	Alternating Currents	2	Daily	MH	202	Freeman
S9b	Electrical Lab.	6 hrs	By Apt.	MH	108	Freeman









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UNIVERSITY OF KENTUCKY

Lexington, Kentucky

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Experiment Station
Extension Division of Agriculture

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F. Paul Anderson, M. E., Dean

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William S. Taylor, Ph. D., Director
Wellington Patrick, A. M., Assistant Director

UNIVERSITY EXTENSION DEPARTMENT

Wellington Patrick, A. M., Director

For information regarding courses and catalogs, address Ezra L. Gillis, Registrar, University of Kentucky, Lexington, Kentucky.