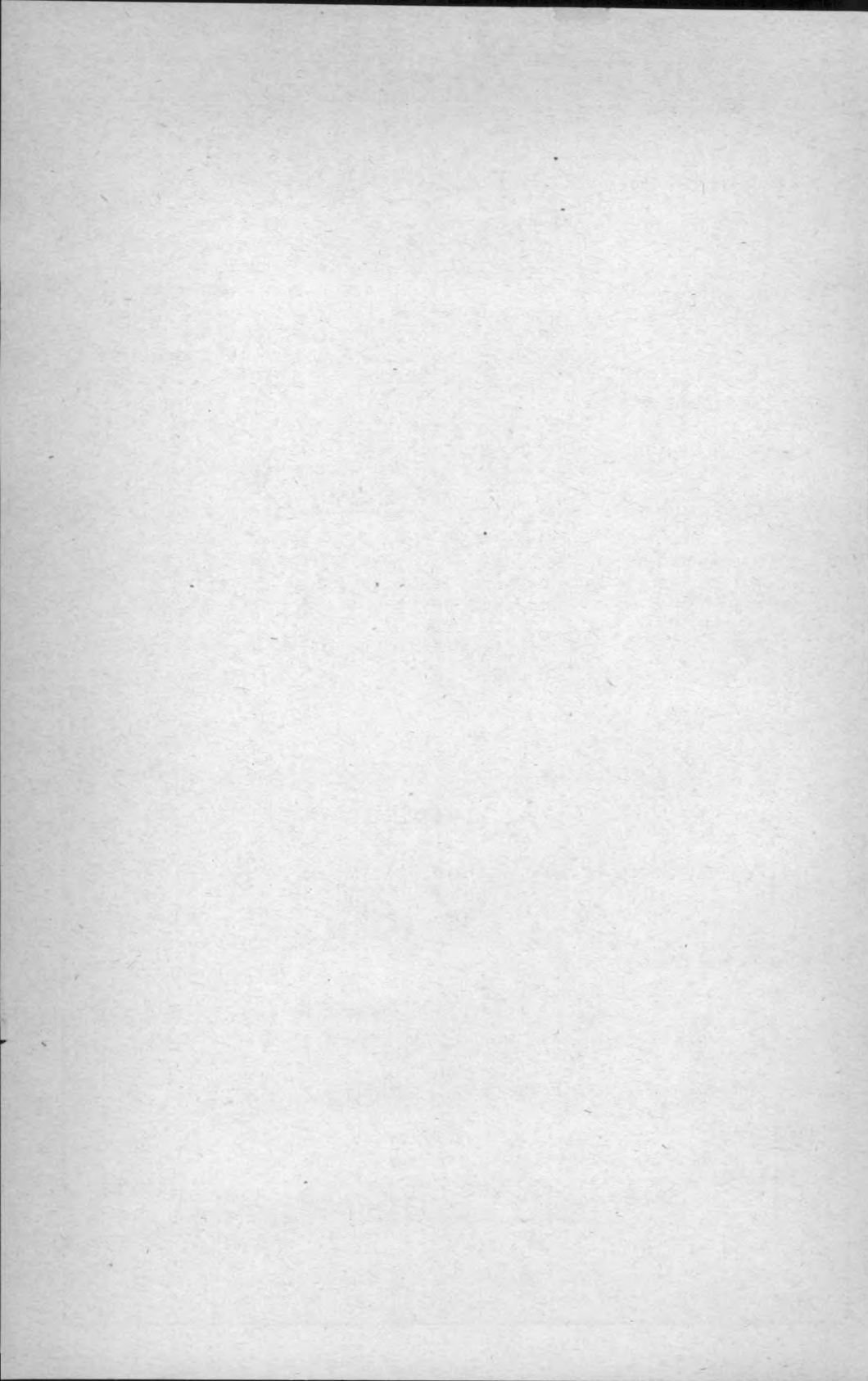


CORNELL UNIVERSITY OFFICIAL PUBLICATION

Courses Bearing on the War Effort  
Second Term, 1941-42



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## COURSES BEARING ON THE WAR EFFORT

THE courses in this list were selected by the several colleges in which they are offered because of their bearing on the emergency. They give instruction that will be of value to students when they enter military service, industrial and commercial occupations, civilian-defense duties, or in civil life. All of these courses are offered in the second term of 1941-42, and, with few exceptions, there are no prerequisites. Other courses that serve the same purpose will be found in the various college announcements.

These courses may be elected by a student in any of the colleges, under the regular rules of the college in which he is registered. The student should plan his second-term schedule with his faculty adviser as usual. Regular college and course requirements for the term must first be met. Then the student may add to his schedule one or more of the courses listed herein, with the approval of his adviser. This group of courses should not be thought of as one from which a student may select his whole program for the term.

Before registering for any of these courses, a student should consult the college announcement in which they are more completely described.

Starred courses (\*) are recommended especially for those who expect to enter military service.

### COLLEGE OF ARCHITECTURE

#### THEORY OF CONSTRUCTION

\*210. **Mechanics of Materials.** Credit three hours. Prerequisite, six hours of Calculus or the equivalent. Professor YOUNG.  
Recitations: section A, M W F 9; section B, T Th S 9. White B 10.

#### DRAWING, PAINTING, SCULPTURE

\*330. **Elementary Sculpture.** Credit from two to four hours. Prerequisite, permission of the instructor. Assistant Professor WASHBURN. Th S 8-10:30. Morse.

\*340. **Color.** Credit two hours. Permission to register must be obtained from Associate Professor HARTELL. Section A, M W 10-12:30; section B, T Th 10-12:30.

#### REGIONAL AND CITY PLANNING

\*716. **Seminar in Parkway, Freeway, and Highway Planning.** Credit two hours. Open to upperclassmen and graduate students. Professor CLARKE. T 8-10. White B 6.

### COLLEGE OF ARTS AND SCIENCES

#### ASTRONOMY

\*183. **Navigation and Nautical Astronomy.** Credit three hours. Prerequisite, Mathematics 3. Professor BOOTHROYD. Lectures, M W 11; laboratory to be arranged. Rockefeller 357.

189. **Applied Optics and Instrument Design.** Credit three hours. Prerequisites, Physics 11 and 12; previous consultation with the instructor also is required. Assistant Professor SHAW. Hours to be arranged. Rockefeller 358.

Application of basic optical laws to the design and construction of optical instruments of military or commercial importance.

#### ECONOMICS

21b. **Accounting.** Credit three hours. Prerequisite, Economics 21a. Professor ENGLISH. T Th 9. Goldwin Smith 256. One practice period, Th 2-4. Goldwin Smith 329.

61b. **Economic History Since 1750.** Credit three hours. Prerequisite, Economics 61a or consent of the instructor. Dr. HUTCHINS. T Th S 10. Goldwin Smith 256.

#### GEOLOGY

\*100. **Introductory Geology.** Credit three hours. Professor NEVIN and Mr. LUDLUM. Lectures, T Th 11, Warren 25. Laboratory, M T W Th F 1:40. McGraw. Emphasis on map work.

\*206. **Commercial Geography.** Credit three hours. Not open to freshmen; elementary course either in Economics or in Geology desirable. Professor von ENGELN. Lectures, M W F 9. McGraw. Geology Lecture Room.

#### GOVERNMENT

2. **Comparative Government.** Credit three hours. Prerequisite, Government 1 or consent of the instructor. Assistant Professor WATKINS. T Th 9 and one hour to be arranged. Boardman 110.

11b. **Comparative Dictatorial Government.** Credit three hours. Open to upperclassmen; to sophomores on consent of the instructor. Assistant Professor WATKINS. T Th S 10. Boardman 110.

16. **Contemporary American Foreign Policy.** Credit three hours. Not open to freshmen. Professor BRIGGS. M W F 9. Goldwin Smith B.

#### HISTORY

18b. **Modern History of the Far East: Twentieth Century.** Credit three hours. Open to all students except freshmen. Assistant Professor BIGGERSTAFF. M W F 12. Boardman 121.

50. **Recent European History.** Credit three hours. Open to all students except freshmen. Associate Professor MOSELEY. T Th S 9. Boardman 322.

51b. **History of Russia since 1796.** Credit three hours. Open to all students except freshmen. Associate Professor MOSELEY. T Th S 11. Boardman 320.

68. **History of England in the 19th and 20th Centuries.** Credit three hours. Open to all students except freshmen. Professor MARCHAM. M W F 10. Boardman 122.

83. **American History since 1850.** Credit three hours. Open to all students except freshmen. Associate Professor GATES. M W F 9. Boardman 110.

87. **Constitutional and Political History of the United States since 1848.** Credit three hours. Open to all students except freshmen. (Not open to students who have had History 83.) Professor BRETZ. M W F 10. Boardman 322.

#### MATHEMATICS

\*16. (New) **Spherical Trigonometry.** Credit three hours. Prerequisite, plane trigonometry. T Th S 10. White Hall.

Designed to meet special needs of students entering war services.

## PHILOSOPHY

1a. **Philosophical Classics.** Credit three hours. Open to freshmen and sophomores. Mr. TURQUETTE. T Th S 11. Goldwin Smith 225.

A careful study of Lucretius' *On the Nature of Things*, Plato's *Republic*, and Mill's *On Liberty*. In reading the two latter works, special attention is devoted to the philosophy of democracy.

5. **History of Modern Philosophy.** Credit three hours. Open to all students except freshmen. Professor CUNNINGHAM. T Th S 10. Goldwin Smith A.

Special emphasis on the problems of democracy in modern philosophical thought.

13. **The Philosophy of Religion.** Credit three hours. Open to juniors and seniors; to sophomores by permission of the instructor. Professor BURTT. M W F 12. Goldwin Smith 128.

Emphasis on the interaction between influential standpoints in religious philosophy and social ideals and institutions, especially those of democracy.

## RUSSIAN

1A. (New) **Elementary Russian.** Credit five hours. Open to all students on consultation with the instructor. Dr. POSIN. Five days a week, hours to be arranged. Boardman 214.

## SCANDINAVIAN LANGUAGES AND LITERATURES

2. **Modern Icelandic.** Credit three hours. Open to all students on consultation with the instructor. Professor HERMANSSON. Hours to be arranged. Goldwin Smith 247.

## SOCIOLOGY AND ANTHROPOLOGY

20. **Social Pathology.** Credit three hours. Prerequisite, Sociology 2, Social Science B, or Rural Sociology 1. Dr. WEINTRAUB. T Th S 11. McGraw 201.

Special attention will be given to social problems as they are affected by war conditions.

50. **Social Theory.** Credit three hours. Prerequisite, Sociology 2, Social Science B, or Rural Sociology 1. Dr. WEINTRAUB. T Th 12, and one hour to be arranged. McGraw 205b.

Nazi ideology, its origins and trends.

70. **Introduction to Statistics.** Credit three hours. Open to all students except freshmen. Mr. GUTTMAN. M W F 11. McGraw 201.

## INTERDEPARTMENTAL COURSES

**Social Psychology.** Credit three hours. Prerequisite, one of the following: Psychology 1, Sociology and Anthropology 2, Rural Sociology 1, Social Science B, or permission of the instructors. Professor COTTRELL (Sociology) and Assistant Professor WHITE (Psychology). T Th S 10. McGraw 201.

Emphasis on the psychology of personal and collective morale with special reference to war conditions.

**Nationalism.** Credit three hours. A seminar conducted by members of the departments of Economics (Dr. ADAMS, Chairman), Sociology (Dr. WEINTRAUB), and Psychology (Assistant Professor WHITE). Registration by permission of the chairman. T 2-4. McGraw 205b.

Nature and development of modern nationalism.

## COLLEGE OF AGRICULTURE

### AGRICULTURAL ECONOMICS

122. **Accounting Method.** Credit three hours. Professor POWELL. Lectures, W F 11. Warren 225. Practice, F 1:40-4. Warren 201.



## AGRICULTURAL ENGINEERING

1. **Farm Mechanics.** Credit three hours. Professor RILEY and Mr. MALE. Lectures, T Th 10. Warren 25. Recitation, M or W 10 or 11 or T 9 or 11. Agricultural Engineering Laboratories.

10. **Household Mechanics.** Credit three hours. Professor ROBB. Lectures, T Th 12. Caldwell 100. Practice, Th or F 2-4:30. Agricultural Engineering Laboratories.

\*21. **Farm Engineering.** Credit three hours. Professor MCCURDY. Lectures, M W 10. Dairy 119. Practice, M or T 1:40-4. Dairy, fourth floor and in the field. Elementary surveying for the farm.

\*40. **Farm Shop Work.** Credit two hours. Professor ROEHL. Section 1, T Th 1:40-4; section 2, M F 1:40-4. Agricultural Engineering Laboratories. Woodworking, metal working, forge work, and special problems.

\*101. **Electricity on the Farm.** Credit three hours. Assistant Professor F. B. WRIGHT. Lectures, M W 11. Dairy 119. Practice, T or W 1:40-4. Agricultural Engineering Laboratories. Practical applications of electricity in the home and on the farm.

## BOTANY

\*53. **Poisonous Plants.** Credit one hour. Professor MUENSCHER. Discussion and demonstrations, F 1:40-4. Plant Science 353.

## DRAWING

\*1. **Mechanical Drawing.** Credit three hours. Assistant Professor REYNA. Lecture and laboratory: section 1, T 1:40-4 and S 8-10:30; section 2, W F 1:40-4. Two additional practice periods to be arranged. Dairy, fourth floor.

\*2. **Mechanical Drawing.** Credit one hour. Assistant Professor REYNA. Lecture and laboratory, M T W or F 1:40-4. Dairy, fourth floor.

\*5. **Mechanical Perspective Drawing.** Credit two hours. Assistant Professor REYNA. Lecture and laboratory, Th 1:40-4 and S 10-12. Dairy, fourth floor.

## ENTOMOLOGY

\*52. **Medical Entomology.** Credit two hours. Prerequisite, Zoology 1 or Biology 1. Professor MATHESON and Messrs. BELKIN and REHN. Lecture, T 9. Comstock 245. Laboratory, T or W 1:40-4. Comstock 200.

## METEOROLOGY

\*1. **Elementary Meteorology.** Credit three hours. Professor MORDOFF and Mr. GRAVES. Lectures, T Th 11. Plant Science 143. Laboratory, T or F 8-10 or M T W or F 1:40-4. Plant Science 114.

\*6. **Meteorology and Climatology.** Credit two hours. Not open to students who have had course 1. Professor MORDOFF. Lectures, M W 11. Plant Science 143. A brief course covering the more essential phases of meteorology and climatology, and their relations to agriculture.

## RURAL EDUCATION

107a. (New) **Outdoor Living.** Credit two hours. Professor PALMER and Miss GORDON. Lecture, T 1:40. Laboratory and field work, 2:40-5 with two overnight trips. Fernow 8. A study of outdoor living with practice in understanding the terrain, methods of camping and hiking, of primitive communication and protection, with suggestions for maintaining morale with crafts, games, and other devices.

\*251. **Educational Measurement.** Credit three hours. Prerequisite, a course in educational psychology. Assistant Professor BAYNE. S 11-12:30 and an additional hour to be arranged. Stone 309. The use of aptitude and

achievement tests and other measuring instruments in the classification and guidance of pupils, improvement of instruction, and other activities of the teacher and school officer.

## COLLEGE OF HOME ECONOMICS

### ECONOMICS OF THE HOUSEHOLD

320. **Management in Relation to Household Equipment.** Credit three hours. For juniors, seniors, and graduate students. Miss KNOWLES. M W F 9-11. Martha Van Rensselaer Hall G 19-A. Emphasis will be placed this term on wise use, care, and repair of household equipment, since replacements and skilled labor for repairs will be increasingly difficult to obtain.

330. **Management in Relation to Personal Finances.** Credit three hours. For juniors, seniors, and graduate students. Miss BARBER. T Th 2-3:30. Martha Van Rensselaer Hall 121. Emphasis will be placed this term on problems in money management with which individuals and families are having to cope due to changed conditions in employment, production, commodities, standard of living, future financial security, and the like.

### FAMILY LIFE

410. **Principles of Child Guidance.** Credit three hours. Permission to register must be obtained from the instructor. Professor WARING. Lectures and discussions, M W F 8. Martha Van Rensselaer Hall 121.

### FOODS AND NUTRITION

130. **Food Selection: Nutrition and Dietetics.** Credit three hours. Associate Professor BRUCHER. Section for sophomores and upperclassmen, M F 3 and W 2-4; section for freshmen, M F 9, W 8-10. Martha Van Rensselaer Hall 426.

### LEADERSHIP IN HOME ECONOMICS

330. **Educational Leadership.** Credit three hours. Primarily for juniors, seniors, and graduate students. Assistant Professor HENDERSON. M W F 11. Martha Van Rensselaer Hall 343. A study of adult education programs and agencies recently organized for dealing with home and family problems in the emergency, as well as programs customarily carried on by the extension services, public schools, Farm Security, etc.

### HOTEL ADMINISTRATION

\*115. (New) **Military Personnel Administration.** Credit two hours. Limited to men who are preparing for positions of leadership in the armed forces and who have not had a course in personnel administration. Professor WINSOR. Lectures, T Th 10. Warren 125. A discussion of basic psychological and personnel problems and techniques incident to the selection, training, motivation, and disciplining of men under war conditions. As far as possible, actual cases and situations will be presented for analysis and discussion.