

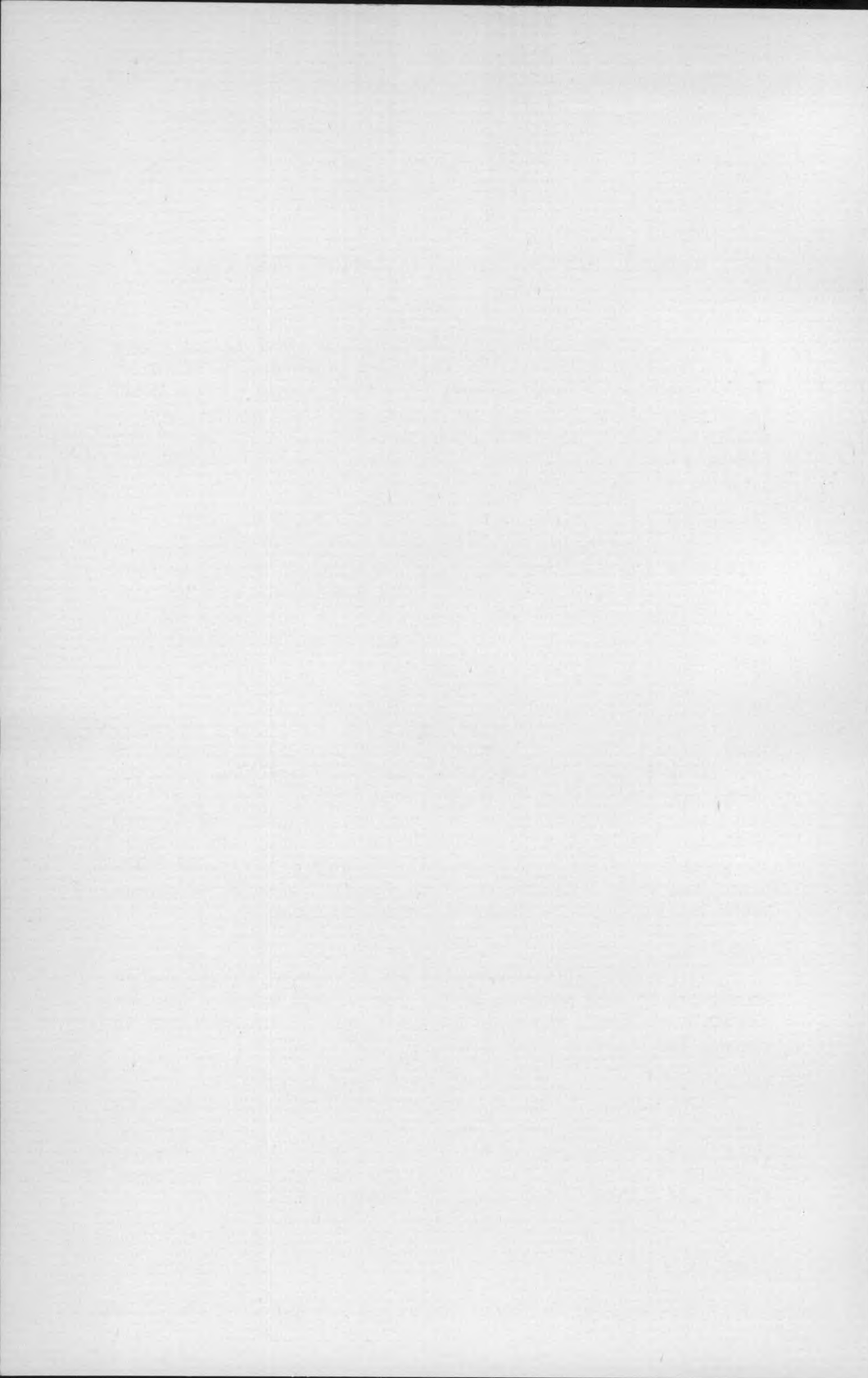
CORNELL UNIVERSITY OFFICIAL PUBLICATION

First Five-Week Summer Session

May 25 - June 27, 1942



VOLUME 33 : APRIL 1, 1942 : NUMBER F



FIRST FIVE-WEEK SUMMER SESSION

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COURSES in this Session are primarily for undergraduates now in residence in Cornell University, but others may be admitted. The courses have been selected for two purposes: 1, to afford to students now in college an opportunity to carry on their studies during this period in order to graduate earlier; 2, to furnish to men about to enter national service instruction in subjects directly related to their future duties.

ADMISSION

Application for admission to this and other Summer Sessions of Cornell University must be made on the special form printed on the back cover of the Preliminary Announcement. Additional forms will be furnished on request. A certificate of admission is a prerequisite for registration in the Summer Session.

CREDIT

With the exception of some of the unit courses of one to three weeks in length, all courses offered in the Summer Sessions are accepted for credit in one or more of the Schools and Colleges of the University, when taken by matriculated students in those Schools and Colleges. Students registered in institutions other than Cornell University who expect to receive credit in those institutions for Summer Session work done at Cornell should arrange in advance with the authorities of the institution in which they are registered. Maximum credit for this five-week Session is six semester hours.

SCHEDULES

All students in this Session are expected to take courses amounting to four semester hours. The normal schedule for this Session is six hours, and undergraduates must secure permission to register for fewer or more hours.

FEES

The tuition fee for this Session is \$60. Laboratory fees and similar incidental fees are charged for materials or special services. All Summer Session students will also pay a health service, infirmary, and Willard Straight Hall fee of \$4.50. All undergraduates in Cornell University will also pay a physical education fee of \$1.50.

REGISTRATION

Advance registration for this five-week Session is required. Students planning to attend should make up their programs in consultation with advisers or college officers as soon as possible after they have been admitted to the Summer Session. They should then register by mail or in person at the Summer Session office as early as possible, in no case later than Monday, May 11. Registration blanks will be mailed on request.

CALENDAR

Classes will begin on Monday, May 25, at the hours and places given below. Classes will meet six times a week in courses for two semester hours of credit, nine times a week in courses for three semester hours of credit. Final examinations will be held on Friday and Saturday, June 26 and 27.

COURSES OF INSTRUCTION

In the following list, courses are listed by departments alphabetically arranged. All courses are offered provisionally, and those for which registration is inadequate will be cancelled.

BIOCHEMISTRY

S 314. **Elementary Biochemistry.** Undergraduate and graduate; credit three hours. Prerequisite, a course in organic chemistry. Lectures and conferences, daily, 9, and three periods a week to be arranged. *Dairy Industry* 218. Professor SUMNER.

BIOLOGY

A 5. **Laboratory Methods in Biology.** Undergraduate and graduate; credit two hours. Prerequisite, an introductory course in biology or zoology. Lectures, M W F, 10. Three additional periods to be arranged. *Roberts* 302. Dr. NEVIN.

For students who intend to teach or to follow some phase of biology as a profession. This course includes such subjects as: laboratory equipment; collection, preservation, and storage of materials; sectional and non-sectional preparations of animal tissues for histological study; injection of blood vessels and embalming; preparation of bird and mammal skins for study; chart making; introduction to photography including the preparation of lantern slides; use of micro projector; theory and use of 16-millimeter sound and silent projection apparatus. Laboratory fee, \$5.

ECONOMICS

S 2a. **Modern Economic Society.** Undergraduate; credit three hours. Lectures and recitations daily, 9, and M W F, 2. *Goldwin Smith* 260.

A survey of the existing economic order, its more salient and basic characteristics, and its operation.

S 21b. **Accounting.** Undergraduate; credit three hours. Prerequisite an elementary course in Economics and some work in accounting. Lectures and recitations, daily, 9, and three practice periods a week. *Goldwin Smith 256.* Professor ENGLISH.

Capital stock accounts; bonds and their valuation; amortization, reserves and reserve funds, analysis of income statements and balance sheets.

ENGLISH

S 2b. **Introductory Course in Composition and Rhetoric.** Undergraduate; credit three hours. Daily, 8, and M W F, 12. *Goldwin Smith 134.*
Second semester of the required freshman course.

S 41a. **Prose Fiction.** Undergraduate; credit one hour. M W F, 12 *Goldwin Smith 160.*

S 41b. **The Short Story.** Undergraduate; credit one hour. T Th S, 11. *Goldwin Smith 160.*

FLORICULTURE AND ORNAMENTAL HORTICULTURE

A 100. **Principles and Practices of Military Camouflage.** Undergraduate; credit one hour. Registration limited to 16; students are required to consult or correspond with the instructor before registering. M W F, 1:40-5. *Plant Science 433.* Associate Professor PORTER, other members of the staff, and representatives of the Department of Military Science and Tactics.

A theoretical and practical course in the principles and techniques of modern camouflage as related to tactical military operations and military installations. Lectures and demonstrations, indoor laboratory exercises, studies with scale models, and practical field problems, using dummy and military equipment, are included. This course is designed primarily for men who expect to enter some branch of national service but recognition of this course by military authorities after completion is not guaranteed. Laboratory fee \$2.

GEOGRAPHY AND GEOLOGY

S 210. **Fundamentals of Geography.** Undergraduate; credit two hours. Daily, 10. *Geology lecture room, McGraw.* Professor VON ENGELN.

The basic facts of geography, organized to furnish an understanding of its general principles.

HOME ECONOMICS

E 120. **Home Nursing.** Undergraduate; credit one hour. M W F, 12. *Martha Van Rensselaer NB 30.* Mrs. PEABODY.

The home adaptation of hospital facilities and care; signs of illness and ways of caring for the patient in mild and chronic illness and convalescence; the care of emergencies until the doctor arrives; home care of a patient who is seriously ill, with members of the family caring for the patient under the supervision of a visiting nurse. Fee, \$3.

E 190. **Nutrition and Health.** Undergraduate; credit two hours. Daily, 11. *Martha Van Rensselaer 426.* Associate Professor BRUCHER.

For students who have had no previous training in human nutrition. The principles of nutrition, with emphasis on the nutrition of normal adults; the choice and use of food for achieving and maintaining health. Fee, \$2.

HOTEL ADMINISTRATION

H 115. **Military Personnel Administration.** Undergraduate; credit two hours. Prerequisite, permission of instructor. Daily, 8. *Warren 125.* Professor WINSOR.

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.

MATHEMATICS

S 14. **Computational Trigonometry.** Undergraduate; credit three hours. Prerequisite, a course in intermediate algebra. Daily, 8, and T Th S, 12. *White 115.*

This course is designed for students who have had no trigonometry and who wish to secure a background for practical courses in navigation. The course will emphasize the solution of problems in plane and spherical trigonometry which depend upon the use of tables and computation. The course will not be accepted as adequate preparation for a course in calculus.

METEOROLOGY

A 1a. **Meteorology.** Undergraduate and graduate; credit two hours. Lectures and discussions. Daily, 9. *Plant Science 143.* Professor MORDOFF.

This course is adapted to the needs of teachers and students in subjects for which the weather is an important factor, particularly teachers of general science, physical geography, and agriculture. It is designed to acquaint the student with the laws governing the primary and secondary circulation of the atmosphere, and with the development, progression, and conditions that attend cyclones, tornadoes, and other atmospheric phenomena. Attention is given to the principles and practice of weather forecasting from weather maps and from local observations. Students taking the course at the graduate level will be assigned additional work.

A 1b. **Meteorology, Laboratory Course.** Undergraduate and graduate; credit one hour. Laboratory, M W F, 1:40-4. Must be accompanied by course A 1a. *Plant Science 114.* Professor MORDOFF.

The work consists in the study of the principal weather and climatic elements with the aid of maps, charts, and instruments. The various meteorological instruments will be studied, as well as the methods of taking and recording the observations. Opportunity will be given the student for making practice forecasts. Students taking the course at the graduate level will be assigned additional work.

MILITARY SCIENCE AND TACTICS

S 1. **Basic Course, Second Year.** No credit. T or Th, 1:40-4:40. *Barton Hall.*

This course will begin on June 1, and will continue for 15 weeks, ending on September 12. Students registering in the first five-week Session who plan to continue through the summer in other Sessions may enter this course on June 1 and on completion of the entire course will receive credit for one term of the second year of required drill.

Students who plan to register for five weeks only may enter this course on June 1 to drill for the remaining four weeks. They will receive no credit.

PHYSICAL TRAINING

S 1. **Physical Training for Men.** No credit. Four periods a week, by arrangement. *Barton Hall.*

This course will begin on June 1 and will continue for 15 weeks, ending on September 12. Students in the first five-week Session who plan to continue through the summer in other Sessions may enter this course on June 1 and on completion of the entire course will receive 1 hour of credit.

Students who plan to register for five weeks only may enter this course on June 1 for the remaining four weeks. They will receive no credit.

PSYCHOLOGY

S 51. **Psychotechnology.** Undergraduate and graduate; credit two hours. Prerequisites: an introductory course in psychology and upperclass status. Daily, 11. *Goldwin Smith* 134. Dr. RYAN.

The results of research upon the selection and training of military and industrial personnel; factors in maintaining effectiveness at work.

RURAL EDUCATION

A 131. **Introduction to Teaching Vocational Agriculture in Secondary Schools.** Undergraduate and graduate; credit three hours. Prerequisite, a course in educational psychology, and permission of the instructor. Daily, 10, and three periods a week to be arranged. *Plant Science* 141. Assistant Professor OLNEY.

For students preparing to teach vocational agriculture, and for teachers who wish to prepare in this field. Consideration of the organization of programs of instruction in vocational agriculture and of the problems involved in conducting a program. Laboratory fee, \$3.

A 133. **Directed Teaching of Students in Agricultural Education.** Undergraduate and graduate; credit two hours. Prerequisite, Rural Education 131, a course in educational psychology, and permission of the instructor. Hours to be arranged. Assistant Professor OLNEY.

For students in Rural Education who wish to complete certification requirements by work during this period. Fee, \$3.

A 143. **Organization and Teaching of Technical Subjects.** Undergraduate and graduate; credit six hours. Prerequisite, permission of the instructor. Daily except Sat., 9-4 Professor EMERSON.

Curriculum construction and development of instructional materials for national defense training programs in industrial and technical high schools. Designed primarily for graduate students in industrial and technical education who have had some experience in the development of instructional materials. Deals with analysis of national defense industries for occupational training content; the organization of courses of study of pre-employment and trade extension type; and the preparation of instruction sheets and other aids to instruction. Students must consult or correspond with the instructor before registering.

SOCIOLOGY

S 32. **Group Morale.** Undergraduate and graduate; credit two hours. Prerequisite, permission of the instructor. Daily, 10. *McGraw* 201. Professor COTTRELL.

Analysis of the social psychological factors affecting group morale. Problems of morale in business and industry, the community, and the nation will receive special attention. The course is designed for students interested in per-

sonnel administration and group work as well as for those who expect to have responsibility of leadership in organized social, economic, and political activities.

SPEECH AND DRAMA

S 1. Public Speaking. Undergraduate; credit two hours. Daily, 11. *Goldwin Smith 236.*

The course is planned to give the fundamentals of speech preparation and to develop simple and direct speaking. It includes the study of principles, constant practice, and conferences.

ZOOLOGY

S 303. Human Physiology. Undergraduate; credit three hours. Lectures and recitations, daily, 8, and T Th S, 12. *Moore Laboratory 101.* Associate Professor DYE.

An introductory course for students in all colleges.