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## War Courses, World War I.

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BULLETIN OF THE UNIVERSITY OF WISCONSIN

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THE  
UNIVERSITY OF WISCONSIN

WAR COURSES  
SECOND SEMESTER 1917-1918

MADISON, WISCONSIN

JANUARY, 1918

## WAR COURSES

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### LECTURE COURSE ON THE GREAT WAR

This course runs through the year, on Mondays and Wednesdays at 4:30, and is open to both students and the general public. It carries one credit a semester for students. The purpose of the course is to give sound and accurate information on the many vital problems and aspects of the Great War. The speakers are chosen not only from the University Faculty but from outside as well, and all are well qualified to speak on their particular subjects.

### AERONAUTICS

**2. Aeronautics.** 2 cr. The study of the aeroplane from the engineer's standpoint. Stresses in main members of airplanes and in air screws; inherent stability, and automatic stabilizers; design of aviation engines. There is no effort to train men for the aviation service, but many of the students in this course have already gone to or are signed up for army flying schools. Mr. Maurer.

### BACTERIOLOGY

**102. Medical Bacteriology.** 5 cr. During the last two weeks of the course special consideration will be given to disease control under war conditions. Mr. Clark, Mr. Reichert.

### FRENCH

**French W. Military French.** 4 cr.; M. T. W. T. F. at 9. Practical French for soldiers, and for those who expect to enter service of any sort in France in the near future. In-



tensive drill in conversation. Intended for students who have had no French. Students who have already had French and desire a course of this sort are asked to consult with Professor Cerf as soon as possible. Mr. Cerf and staff.

## HISTORY

**120. History of American War Diplomacy, 1783-1916.** II; 3 cr. Mr. Fish.

## HOME ECONOMICS

**41. Wartime Problems in Institutional Marketing.** 1 cr.; M. W. at 3:30. A special course in marketing, designed to present to the stewards in sororities and fraternities in a practical way the problems and the responsibility in adjusting their needs to the present food supply. Miss Waters.

**43. Conservation of Food.** 1 cr. Lecture and demonstrations; day to be arranged. Three-hour period. A special course in marketing, designed to present to the consumer the current market conditions and market problems as they have been modified by wartime needs and the present supply. Open without prerequisite. Number limited to fifteen. Miss Hunt.

**43. Conservation of Food.** 1 cr. Lecture and demonstration; 8:30-11:30. Room 18 HEB. A practical course in home canning and drying, especially designed for the housewife and those who desire to do their bit in emergency extension work in the summer. Miss Roberts and assistants.

**44. Elementary Dietetics.** 1, 2 or 3 cr. Lectures and demonstrations; T. and Th. at 4:30. Room 18 HEB. A lecture and demonstration course in which the selection and preparation of food is given with special reference to planning the family dietary to conform to present day use of food supplies. The work will be given with especial reference to the requirements of the Red Cross dietitian. Certificate may be secured. Miss Marlatt and staff.

**NOTE:** One credit for attendance and final examination. Two credits for lectures, outside reading and examination. Three credits will include in addition, one laboratory period per week.

**45. Course in Red Cross Sewing.** No credit. One three-hour period per week; to be arranged. The regulation work in the preparation of hospital garments will be carried out under the direction of a Red Cross representative. Miss Manning.

## HORTICULTURE

**3. Vegetable Gardening.** 3 cr.; M. W. F. 8-10. Principles and practices involved in the growing of vegetables. Garden planning, planting, and manipulation. Methods of securing early crops, controlling garden pests, and storing vegetables. Practical work in the greenhouses and gardens. Special attention will be given to the problems of children's gardens and vacant lot gardening. No previous botanical or horticultural work required. Mr. Moore.

## MILITARY SCIENCE AND TACTICS

This department has been designated by the President of the United States as an infantry unit, senior division, Reserve Officers' Training Corps.

**Military Art.** Required of freshmen and sophomores; elective for upper classmen. (a) Practical, on the campus and in the armory. (b) Theoretical, lectures and classroom work. Major Kerwin, Sergeant Major Atkins, and Cadet Officers.

## PHILOSOPHY

**22. Philosophies of War.** II; 2 cr. Mr. McGilvary.

**133. Philosophy of the State.** I and II; 3 cr. With particular reference to the political ideals of Germany and America. Prerequisite: 3 cr. in philosophy. Mr. Kallen.

## PHYSICS

**58. Special Course in Radio-Telegraphy.** 8 cr. Five recitations and two three-hour laboratory periods a week. This course is given at the request of the Signal Corps of the U. S. Army to prepare men to take charge of wireless telegraph instruments for aeroplanes and general communication purposes in the Army. Open to junior, senior, and graduate students



in engineering and physics. Enlistment is not required. Mr. Terry and assistant.

**121. Lectures on Wireless Telegraphy.** 2 cr.; M. W. 8. Lectures on the fundamental theory of oscillating circuits and electrical resonance, with special application to wireless sending and receiving circuits. Mr. Terry.

**122. Laboratory in Wireless Telegraphy.** 1 cr.; hours to be arranged. Laboratory practice in the tuning and adjusting of wireless sending and receiving sets, with training in the reading of wireless messages. Mr. Terry.

**123. Practical Telegraphy.** No academic credit. Daily, 7:30-10:00 P. M. Instruction in the sending and receiving of wire and wireless messages. Specially designed for those desiring to prepare themselves for practical work, or for service in the Signal Corps of the Army. Mr. Terry.

#### POLITICAL ECONOMY

**100. Senior Thesis Seminary. War Financiering.** 2 cr. Tu. 11. Mr. Scott.

**146. Labor History and Socialism.** 3 cr. Development of Socialism, Anarchism and "Laborism" in Germany, France, England, Russia and the United States since the time of Karl Marx and Proudhon, paying special attention to recent developments prior to and during the war. M. W. F. 2:30. Mr. Commons.

**265. Labor in War Time.** 2 cr. Attitude of trade unions, socialists and syndicalists towards the war; government control and operation of industries, wages, hours of labor, cost of living, women's work, etc. Comparison of conditions and policies in the different countries at war. Hour and day to be arranged in conference. Mr. Commons.

**226. Land Problems.** 2 cr. The particular problem of investigation will be that of the settlement of soldiers and sailors on the land. Tu. 2:30-4:30. Mr. Ely, Mr. Hibbard.

**261. Research Seminary.** 2 cr. The subject of investigation this year is "Social Progress and Regress," in which much attention is paid to the conditions disclosed by the world war. Wed. 7:15-9:15 P. M. Mr. Ross.

#### RED CROSS WORK

**Red Cross Elementary Hygiene and Nursing.** 1 cr. One lecture a week, and three or four hours of laboratory work during the course. For senior women. Those students who successfully pass the examination are given certificates by the Red Cross Bureau of Instruction. The object of the course is to teach women personal and household hygiene and to give them simple instructions in the care of the sick so that they may be able to do such work in their own homes, or in those of their neighbors, and to assist the Red Cross in convalescent homes, rest rooms or any emergency in which they may be needed. Miss Lippitt.

#### SUMMER SESSION, 1918

While plans for the Summer Session are not fully matured, it is hoped to arrange for the following courses which will deal specifically with the war, with preparation for service in the war, etc. These are, of course, in addition to the regular courses in Chemistry, Physics, Bacteriology, Medicine, Engineering, Agriculture, and Home Economics, all of which are courses regularly offered in the University and all of which have more or less direct bearing upon the nation's war needs:

**1. Lecture Course.** Purely informational in character and conducted by many members of the faculty, especially for the benefit of teachers. The course will take up the war from historical and diplomatic angles, will treat of the engines of modern warfare, their manufacture and operation, army and public sanitation, war finance, food production and distribution, relief work, etc.

**2. The Diplomacy of the Great War.** By Professor Ogg, Political Science Department.

**3. The World War.** By Professor Fling (University of Nebraska), History Department.

**4. Labor in War-Time.** By Professor Commons, Political Economy Department.

**5. Present-Day Russia.** By Professor Ross, Sociology Department.



6. **Boy Scout and Camp Fire Girl Movements.** By Professor Elsom, Physical Education Department.

7. **First Aid to the Injured.** By Professor Elsom, Physical Education Department.

8. **Bacteriology.** For preparing women to take the places of men called into service, especially in municipal laboratories, etc. By Professor Frost, College of Agriculture.

9. **Wireless Telegraphy.** By Professor Terry, Department of Physics.

10. **Military Drill.** By Major Kerwin, Military Department.

#### HOME ECONOMICS

11. **Elementary Dietetics.** Leading to Red Cross dietitian's certificate.

12. **Home Market Course.** To meet war needs, especially for vocational teachers and home workers.

13. **Problems on Food and Fuel Conservation in the Home.** A war course in the use of food.

14. **Canning, Drying and Salting Foods.**

15. **Sewing for Homemakers.** Includes renovating and remaking of old clothes. A course for vocational teachers and homemakers.

16. **Child Welfare.**

17. **Housing of the Working Classes.**