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## University of Wisconsin: courses in home economics.

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## SCOPE OF THE COURSES IN HOME ECONOMICS

The Department of Home Economics offers the following courses which deal with the principles which underlie the proper management of the home, care of children, hygienic and sanitary conduct of institutions and the economic conditions affecting the work of women.

The courses are planned to meet the needs of four classes of students.

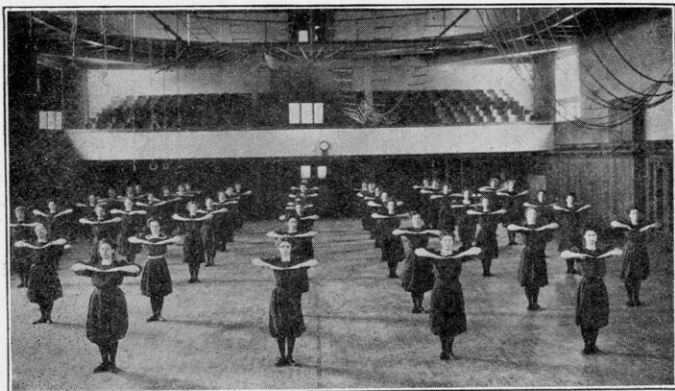
1. Those students who desire a general knowledge of the subject matter as a basis for application in the study of the general arts and sciences as a part of a liberal education;

2. Those students who desire to make a detailed study of Home Economics in its relation to the arts and sciences which are fundamental in the management of the home;

3. Those students who wish to teach Home Economics in the secondary schools and in higher institutions;

4. Graduate students who have the requisite knowledge to benefit by research work in subjects connected with the home.

The courses in the related sciences, as chemistry, physics, physiology, zoology, bacteriology and economics, are given in the various colleges of the University.



Physical Training is required of all Freshmen and Sophomore students in the University.

## OUTLINE OF LONG COURSE IN HOME ECONOMICS

### Freshman Year

FIRST SEMESTER	Credits
English 1 (L. & S.) a study of the elements of efficient writing with practice in composition.....	3
German or French, (L. & S.) general courses adapted to the requirements of the student.....	4
Chemistry 1, (L. & S.) lectures and laboratory work in general chemistry and quantitative analysis.....	5
Home Economics 2, Art and Design.....	3
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SECOND SEMESTER	Credits
English	3
German or French, } Same as first semester.....	4
Chemistry	5
Home Economics 3, Selection and Preparation of foods.....	3
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### Sophomore Year

FIRST SEMESTER	Credits
Physics 1, (L. & S.) lectures and laboratory practice in general Physics .....	5
Chemistry, Household 1.....	5
Bacteriology 1, (L. & S.) a general course of lectures and laboratory work designed to give an introductory understanding of both cultural and microscopical technique with bacteria.....	3
Home Economics 4, Economics of food supply.....	3
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SECOND SEMESTER	Credits
Physics 1, (L. & S.) same as first semester.....	5
Bacteriology, Applied 9, (L. & S.) lectures and laboratory work with bacteria as concerned with water, milk, other food supplies and materials to be found in the household.....	3
Physiology 1, (L. & S.) a general course of lectures on the elements of human anatomy and physiology.....	3
Home Economics 5, Textiles.....	4
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**Junior Year****FIRST SEMESTER****Credits**

Home Economics 6, Dietetics.....	5
Home Economics 7, Home Architecture and Sanitation.....	5
Electives to be chosen as indicated below.....	5
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**SECOND SEMESTER****Credits**

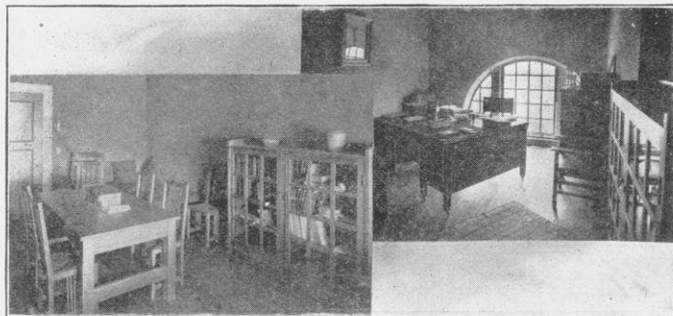
Home Economics 8, Household Decoration.....	4
Home Economics 9, Humanics.....	4
Electives to be chosen as indicated below.....	7
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**Senior Year****FIRST SEMESTER****Credits**

Home Economics 10, Household management.....	3
Thesis to be assigned in connection with major study.....	2
Electives to be chosen as indicated below.....	10
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**SECOND SEMESTER****Credits**

Home Economics 20, Seminar.....	1
21, Teachers' course.....	2
Thesis .....	2
Electives to be chosen as indicated below.....	9
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Seminar Room for conferences and reports on advanced problems in Home Economics.

### ELECTIVES

Opportunity is given in the Junior and Senior years for the election of related courses of study in various lines adapted to the requirements of the students. Information concerning electives will be furnished students upon registration.

The following electives are recommended for those desiring to teach Home Economics: Biology; Chemistry 11a (Qualitative); Chemistry 20 (Organic) 1st semester; Agricultural Chemistry 5; Elements of Economics 1; Economic Statistics 31; Social Psychology 39; Charities and Corrections 41; Education 13b; Education 41; Psychology 1; Experimental Psychology 3 and 4; Floriculture 8; History; and Economic Entomology 6.

The requirements for major in Home Economics are not less than 36 credits or more than 40 credits.

The requirements for a minor in Home Economics are not less than 20 credits.

### THESIS

All candidates for a degree from the University are required to present a graduating thesis which must be acceptable to the professor at the head of the department. Theses must represent original work upon some subject which has been arranged after consultation with the student's adviser and the head of the department in which the work is done.



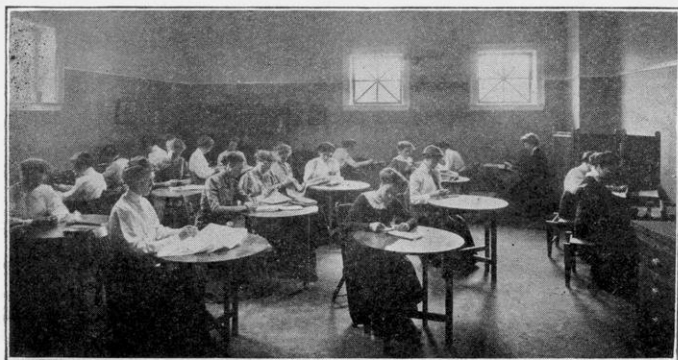
The principles of design are applied to house decoration in creative exercises for wall paper, rugs, etc.

## DESCRIPTION OF COURSES IN HOME ECONOMICS

PROFESSOR MARLATT, MISS CHALLONER, MISS GRADY, AND MISS LOOMIS

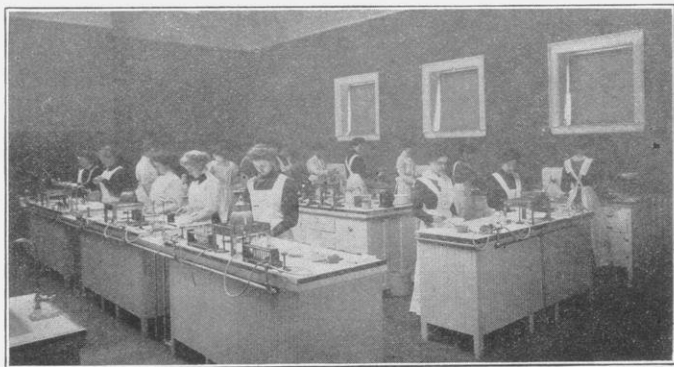
### Primarily for Undergraduates

1. General Survey of Home Economics. Reference books: "Library of Home Economics." Subjects included are food and care of the sick; household chemistry; bacteria in the home; the house plan; textiles; house decoration. *Three credits; throughout the year; lectures, Tu., Th., 9; one laboratory period per week.* Miss MARLATT, Miss HOPE, and Miss LOOMIS.
2. Art and Design. A study of principles of design; rhythm, harmony and balance. Creative exercises; lectures on the theory of color and its application in wall paper, rugs, draperies, and a study of the evolution of design, form a part of the course. *Three credits; first semester; lectures, W., F., 9; two laboratory periods per week.* Miss HOPE and Miss GRADY.
3. Principles of the Selection and Preparation of Food. Nature and use of food; its composition as affected by heat, cold, fermentation and digestion. Prerequisites are entrance credit in physics or chemistry or first semester of Chemistry 1. *Three credits; second semester; lectures,*



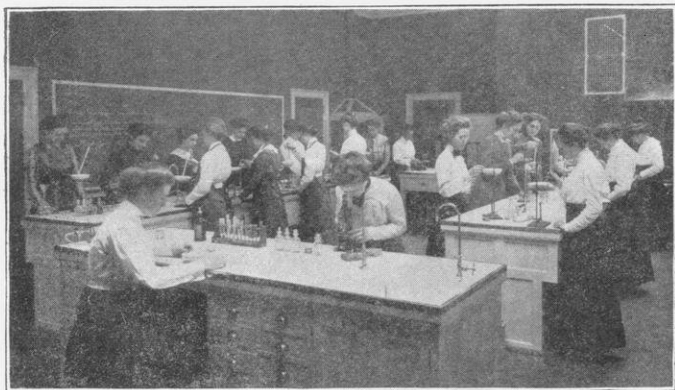
The Course in Textiles involves a study of the choice and use of fabrics for various purposes.

- W., F., 9; *two laboratory periods per week*. Miss MARLATT, and Miss LOOMIS.
4. Economic Problems of Food Supply. Continuation of Course 3. Purchase and manufacture of foods; the use of preservatives and tests for adulterations; pure food laws; time saving devices in preparation of food. Prerequisites, Chemistry 1, Home Economics 3. *Three credits; first semester; lectures W., F., 9; two laboratory periods per week*. Miss MARLATT, Miss LOOMIS and Miss CHALLONER.
  5. Textiles. Evolution of, microscopic study of, chemical treatment and tests for purity in composition and harmful coloring material; hygienic aspect of clothing; problems of shrinkage and tensile strength; economic problems; the artistic aspect in study of color and design in costumes. Prerequisites, Chemistry 1, Home Economics 2. *Four credits; second semester; lectures, Tu., Th., 11; two laboratory periods per week*. Miss HOPE and Miss CHALLONER.
  6. Dietetics. Dietary standards; balanced rations; diet as influenced by age, sex, and occupation; construction of dietaries and service of meals; dietetic treatment in disease and principles of home nursing. Prerequisites, Home Economics 3-4, Physiology 1, Bacteriology 1-9, Chemistry 1, Home Economics Chemistry. *Five credits; first semester; lectures, M., W., F., 11; two laboratory periods per week*. Miss MARLATT and Miss LOOMIS.



Food preparation is taught by lectures and practical cookery in the laboratory.

7. **Home Architecture and Sanitation.** Evolution of the home; modern houses: situation, surroundings, construction, hygienic, economic and artistic conditions; soil, drainage, ventilation, lighting, heating, water supply and arrangement of space, field excursions and practice in drawing skeleton floor plans and elevations of houses suited to varying conditions. Prerequisites, Chemistry 1, Physics 1, Bacteriology 1, Home Economics 2. *Five credits; first semester; lectures, M., W., F., 10; two laboratory periods per week.* Miss MARLATT.
8. **Household Decoration.** Floor coverings and wall hangings; lectures on history of furniture with practical problems in designing furniture, pictures and their use as decorative units; designing interiors; economic problems in house furnishing. Prerequisites, Household Economics 2, 5, 7. *Four credits; second semester; lectures W., F., 9; two laboratory periods per week.* Miss HOPE and Miss GRADY.
9. **Humanics.** Development of the individual from infancy to adolescence, problems of hygiene and mental development as influenced by heredity, nutrition, housing problems in homes and in institutions and habit formation. Prerequisites, Physiology 1, Physics 1, Chemistry 1, Household Chemistry, Bacteriology 1 and 9, Home Economics 2, 3, 4, 5, 6, 7, 8. *Four credits; second semester; lectures, M., W., F., 10; quiz, W., 11.* Miss MARLATT.



The study of textiles includes chemical examinations for purity and character of dyes.



10. Household Management. Organization of the household; the division of the income; care of the house and family; hygienic and artistic furnishing; chemistry of cleaning metals, wood, fabrics; use of disinfectants. Prerequisites, Chemistry 1, Bacteriology 1 and 9, Physics 1, Home Economics 2, 3, 4, 5, 6, 7, 8, 9. *Three credits; first semester; lectures, Tu., Th., 11; one laboratory period per week.* Miss MARLATT, Miss LOOMIS and Miss CHALLONER.

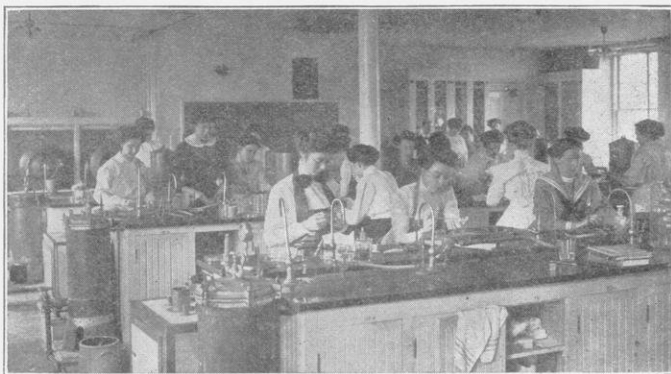
**For Undergraduates and Graduates**

20. Seminar. Advanced work in problems connected with home, institutional management and the Home Economic movement in education. *One credit; second semester.* Miss MARLATT and Miss LOOMIS.
21. Teachers' Course. Existing courses in Home Economics. Practice in planning courses and equipment for various types of institutions and observation and practice work in presentation is afforded. Prerequisites, Home Economics 2, 3, 4, 5, 6, 7, 8, 9, 10. *Two credits; second semester.* Miss MARLATT and Miss HOPE.

**HOUSEHOLD CHEMISTRY**

PROFESSOR HART AND MR. PETERSON

1. Household Chemistry. A consideration of the composition and physical properties of foods and a discussion of the



Laboratory work in Bacteriology acquaints the student with the relation of germ life to the household.

main factors\* affecting their nutritive value. Attention will also be devoted to the application of chemistry to other important adjuncts of the home, as cleaning materials, dyes, etc. *First semester; lectures and laboratory work; 4 unit hours.* Mr. HART and Mr. PETERSON.

## BACTERIOLOGY

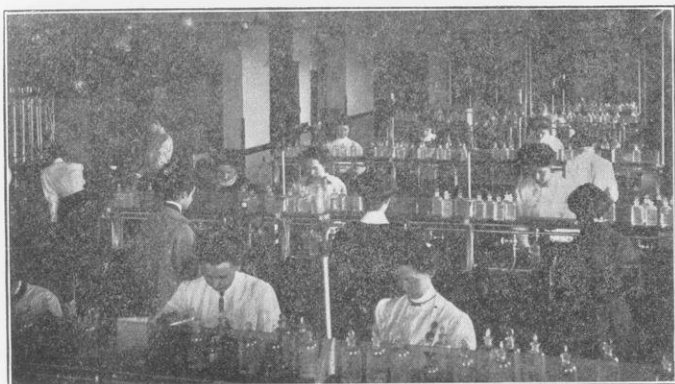
ASSOCIATE PROFESSOR FROST

9. Applied Bacteriology. A study of micro-organisms and processes concerned in the more common fermentations as alcoholic, lactic and acetic; simple analyses of milk, water and food supplies; a study of disinfectants, etc. Designed especially for students in Home Economics and concerned with materials and processes to be found in the household. General Bacteriology 1 is a prerequisite. *Second semester; lectures and laboratory work; 3 unit hours.* Mr. FROST.

## ECONOMIC ENTOMOLOGY

ASSISTANT PROFESSOR SANDERS

6. Household Insects. A general consideration of the insects of importance in the household. *One credit; second semester; lectures and laboratory.* Mr. SANDERS.



A thorough laboratory training in Household Chemistry forms a basis for the study of foods and dietetics.