

## Nursing Education.

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK—TEACHERS' COLLEGE.

SPECIAL COURSE IN HOSPITAL ECONOMICS.  
1902-1903.

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DETAILED STATEMENT OF COURSES OF INSTRUCTION.

*Hospital Economics 10—Methods and Practice.*—Observation, conference, discussion, and practical work. One point. Hours to be arranged.

This course is designed to meet the needs of teachers in training schools for nurses. It discusses the principles which underlie training school work, and provides opportunity for the practical application of these principles in teaching.

Required of special students in hospital economics.

*Hospital Economics 12—Hospital and Training School Organization and Supervision.*—Lectures, Essays, and Discussions. Two points. Hours to be arranged.

This course deals with the problems connected with the organization and management of training schools and hospitals. The following topics will indicate its general scope: 1. Training school organization and management,—construction and equipment, planning of the curriculum with special reference to securing a uniform course in the various schools, instruction and grading of students, and all other matters connected both with material and with educational interests. 2. Hospital organization and management,—construction and equipment, organization of ward work, relations to trustees and hospital staff, and other requirements in general administration.

Required of special students in hospital economics.

*Psychology A—Elements of Psychology.*—Lectures, practical exercises, and recitations. One and a half points. Professor Thorndike and assistants. Hospital Economics Section (first half-year only), Monday Wednesday, and Friday at 11.30.

Required of special students in hospital economics.

*Education 10—Educational Psychology.*—One and a half points. Professor Thorndike. Hospital Economics Section (second half-year only) Monday, Wednesday, and Friday at 11.30.

This course will present the general principles that control successful teaching, so far as such can be derived from psychological laws and from the study of school practice. It will aim to prepare students for general class-room work and for the courses in the methods of teaching the separate subjects.

Required of special students in hospital economics.

Prerequisite: Psychology A.

*Biology and Physical Education 3*—Lectures, recitations, and laboratory work. Two points. First half-year, physiology—Professor Lloyd and Dr. Bigelow. Second half-year, personal hygiene—Professor Wood. Monday and Wednesday 9.30 to 11.30.

The first part of this course a study of the activity of cells, tissues, and organs in various organizations both plants and animals, including man. The second part of the course considers personal health as a problem in vital economics; the human body as an organic machine, and the aim of personal hygiene to be the provision of the most efficient body mechanism for

the life-needs of the individual. The topics include the argument for the careful study of health and hygiene; ideals of health influencing different peoples; structure and functions of the human body; changes in the organism due to evolution and civilization and the health problems arising from these changes; conditions necessary to the perfect state of the body and the activity of the various functions; causes of weakness, injury, degeneration, and disease; improvement of health and prevention of disease by hygienic means.

*Domestic Science 10—Foods.*—Lectures, laboratory work, essays, and collateral reading. Four points. Mrs. Forrest and assistants. Mondays and Wednesdays 1.30 to 4.30, and Fridays at 1.30. Laboratory fee, seven dollars.

This course covers the following general topics: Composition and nutritive value of foods; fundamental principles and processes of cookery; comparative study of fuels and cooking apparatus. It is designed to give a thorough knowledge of theory and practice in cooking, and to aid the student in arranging subject-matter for teaching. Special attention is given to scientific methods of laboratory work, and to the adaptation of such methods to the school.

*Domestic Science 11—Foods, Advanced Course.*—Four points. Professor Kinne, Mrs. Forrest, and assistant. Tuesdays and Fridays, 9.30 to 12.30, and Tuesdays at 2.30. Laboratory fee, ten dollars.

This course elaborates and applies the principles established in course 10. It takes up advanced cookery; preservation of food; cookery for invalids and children; food values and dietaries; planning, cooking, and serving of meals; a waitresses' course and marketing.

Prerequisite: Domestic Science 10 and 12.

Students admitted to advanced standing may elect either half of the course separately. *The lectures on dietetics may be elected alone, counting as one point.* Advanced students will have opportunity for special research in dietetics.

*Domestic Science 12—Food Production and Manufacture.*—Lectures, laboratory work, reading and excursions. One point. Dr. Vulté. Thursdays 9.30 to 11.30.

This course is complementary to course 10, covering the following special topics: the production of food materials such as dairy products, manufacture of flours, cereals, spices, etc.; food adulterations and other processes in the preparation of food materials.

*Domestic Science 13—Home Sanitation and Economics.*—Conferences, lectures, laboratory work, and collateral reading. Two points. Mrs. Forrest. Wednesdays, 9.30 to 12.30.

This course embraces the following subjects: First half-year—Situation and structure of the house, water supply, disposal of waste, heating and ventilation, lighting, healthful furnishing, cleansing of the house. Second half-year—Development and organization of the home and its adaptation to modern conditions, systematic methods of housekeeping, the cost of living and household accounts, domestic service.

Students admitted to advanced standing and candidates for the Master's diploma may elect either half of the course separately.

*Biology 12—Bacteriology.*—Lectures and laboratory work. One point. Professor Lloyd and Dr. Bigelow. Mondays and Wednesdays, 9.30 and 11.30.

This is a course in applied bacteriology. The lec-

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