

MEDICAL CHEMISTRY.—Lectures and laboratory work.

MATERIA MEDICA.—Lectures and recitations.

DOMESTIC SCIENCE AND ECONOMICS.

ENGLISH LANGUAGE.—The construction and use of the sentence; paragraphing; correspondence.

VOCAL EXPRESSION.—Voice training and reading.

PHYSICAL TRAINING in the gymnasium.

Second Term.

ANATOMY AND PHYSIOLOGY.—Lectures and demonstrations.

MEDICAL CHEMISTRY.—Lectures and laboratory work.

HYGIENE.—Personal and domestic.

BACTERIOLOGY.—Lectures and laboratory work.

DOMESTIC SCIENCE AND ECONOMICS.

ENGLISH LANGUAGE.—The writing of statements, synopses, reports, &c.

PHYSICAL TRAINING in the gymnasium.

Occasional lectures on special topics are given by representative physicians throughout the year.

The attendance of students is required from 9 a.m. until 3 or 4 p.m., with an intermission of one hour at noon.

The public lectures on art, science, literature, &c., and the public concerts which are given at the institute during the winter months, are free to the students, and afford liberal opportunities for general culture to those who care to make use of them. The same may be said of the library, the museum, and the picture gallery.

CERTIFICATE.

A certificate is given to students who complete the full course and pass all the required examinations.

The leading training-schools in Philadelphia will give the preference for admission to candidates who hold the certificate of the preparatory course. The certificate of the Drexel Institute will be accepted by them without an examination. It is expected that the same arrangement will be made with training-schools of high standing in other places.

ADMISSION.

Applicants must be not less than twenty years of age, and must have had at least a high-school education or its equivalent. When the diploma or certificate of a school of approved standing is not presented, the faculty must be satisfied as to the general intelligence and educational attainments of the candidate. Students are admitted only at the beginning of the academic year.

Applicants for admission to the preparatory course should be sure that they will be able to meet all the requirements for admission to the training-schools for nurses. The following from the circular of one of the leading training-schools may be taken as a statement of the conditions that are required generally throughout the country:—

“The work of nursing demands intelligence, good temper, thorough trustworthiness, and a cheerful and willing disposition. It is essential that the candidate should be of unblemished character, and in sound health of body and mind.”

Application for admission should be made to the registrar at the institute.

The course offers special advantages to graduates of nurses' schools who are desirous of adding to their scientific knowledge and training.

The course is open to women not intending to become nurses, but who wish to avail themselves of the instruction and training which it offers.

PRIZES.

For the year 1903-04 Dr. S. Weir Mitchell has offered two prizes, of thirty dollars and twenty dollars, to be awarded to the students standing first and second, respectively, in all the studies of the course.

FEES AND TERMS.

Fee, thirty dollars per term.

There are two terms in the year, beginning, respectively, in September, 1903, and February, 1904.

Board and lodging can be obtained in Philadelphia from five dollars per week upward.

Text-books and stationery cost about ten dollars for the year.

SUBJECTS OF INSTRUCTION.

Anatomy and Physiology.

The course of instruction embraces both lectures and demonstrations. The lectures cover the following topics:—The general anatomy and physiology of the human body; the physical and chemical properties of the tissues; the chemical composition and physiological properties of foods and their relative values as nutritive agents; the process of digestion; the elaboration of food into blood; the circulation of the blood; respiration; animal heat; secretion and excretion; the physiology of the nervous system and special senses; the larynx and the voice.

Medical Chemistry.

The lectures will be general in character, including the following topics:—1. Fundamental principles and laws of the science. 2. The atmosphere—oxygen, inspired and expired air; ventilation. 3. Combustion—carbon; fuels, calorific value. 4. Food materials—nitrogenous foods, non-nitrogenous foods, mineral matters. 5. Proximate food principles—fats and oils, protein. 6. Study of typical foods—milk, flesh, vegetables, fruit, bread, cereals.

Materia Medica.

Forms under which medicines are administered; routes of entrance into the body; absorption; elimination; measures and symbols; nature and properties

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