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# THE MEDICAL SCHOOL

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# DARTMOUTH MEDICAL SCHOOL

FOR THE ONE HUNDRED AND SIXTEENTH
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## EQUIPMENT

The original Medical School building provides accommodations for the Departments of Anatomy and Physiology as well as for a pathological museum. The south end of the building is occupied by the Department of Anatomy. Its basement extends south from the main building, giving a well-lighted dissecting room with glass roof, and, in addition, each dissecting table stands under a strong electric light. The room has been newly equipped with lavatories, individual lockers, and an air pressure system for use in dissections. A special room is set apart for preparing the material and for storing it in a tightly closed vault where it can be kept in perfect condition. Cadavers for use in demonstration lectures may be carried to the room above by elevator. The first floor has a large lecture room and a smaller recitation room, the latter entirely remodelled during the past summer. On the second floor is a study and recitation room, where is kept a growing collection of dissected wet specimens, illustrative of the viscera, central nervous system, and the general structure of the body, as well as special dissections of the bones and joints, etc., these to be handled and studied by the student. The third floor is occupied by an office and a private laboratory for the use of the department.

The Department of Physiology occupies the entire three floors of the newly reconstructed north end of the building. Upon the ground floor there is a chemical room and a laboratory for special work by advanced students; on the second floor is a large private working laboratory, a dark room, toilet room, and a workshop; the entire third floor is occupied by the students' laboratory, which is well lighted from three sides. The equipment of the laboratory for the students' course is that manufactured by the Harvard Apparatus Company, but in addition to the student's sets there are many pieces of the more expensive demonstration apparatus and models, largely imported, which are equally available for the laboratory work of small classes.

The Nathan Smith Laboratory is a modern brick building of two and one-half stories. On the first floor there is a large lecture room and a library. In the basement there is an animal room, a toilet room and a students' reading room. The upper floor contains a students' laboratory with gas and running water and with individual lockers for microscopes and slide boxes. The laboratory is abundantly lighted from three entire sides. This floor contains also the laboratory of the New Hampshire State Board of Health, and four smaller working lab-

# REQUIREMENTS FOR ADMISSION

The minimum requirement for admission to the Dartmouth Medical School is represented by two years of College work. The required subjects consist of: at least one year of Inorganic Chemistry, two years of Biology, one year of Physics, and one year each of any two of the languages, Latin, French, and German. Applicants must demonstrate their ability to translate at sight easy Latin prose.

Students in Dartmouth College, who are candidates for the B.S. degree, may register in the Medical School at the beginning of Junior year by presenting the above requirements, together with additional courses sufficient to make a total of 62 semester hours. In this combined course a candidate will receive the degree of Bachelor of Science at the end of the fourth year and the degree of Doctor of Medicine at the end of the sixth year. Students taking this combined six-year academic and medical course are allowed to waive the Minor requirement in Group I and to make a split Minor in Group III.

Students in Dartmouth College who are candidates for the A.B. degree may register in the Medical School at the beginning of Senior year by presenting the above requirements, together with additional courses sufficient to make a total of 92 semester hours. They may thus secure the degree of Bachelor of Arts at the end of the fourth year and the degree of Doctor of Medicine at the end of the seventh year. Students taking this seven-year combined course should have completed their Minors in Groups I and III before registering in the Medical School.

Students in the College, who wish to register in the Medical School in either of these combined courses, must secure from the President of the College a certificate approving such transfer.

A candidate desiring admission to the Medical School from another college must present to the Secretary of the Medical Faculty an official detailed statement of the courses pursued at that institution together with a letter of honorable dismissal. No one will be accepted who has not credit for the required subjects named above.

The following schedule shows the courses taken in the combined six-year academic and medical course:

oratories. All the rooms are well lighted by closely placed windows and there is a full equipment of microscopes and other apparatus for general and special work in Histology, Pathology, and Bacteriology. The specimens coming to the State Laboratory for examination provide a great variety of pathological and bacteriological material for class use.

The Mary Hitchcock Memorial Hospital, a cottage hospital of forty beds, and a model of construction, furnishes clinical material for the use of the third and fourth-year classes with the opportunity for learning the methods of the most advanced hospital work. In operating rooms recently reëquipped with modern appointments the student has a close view of a large number of operations in general surgery and gynecology and of special operations upon the eye, ear, throat, and nose. He is able to follow these cases and note the after treatment and results. The clinics are carefully used to illustrate the didactic teaching.

The constantly increasing patronage accorded the hospital as the medical and surgical center of a large part of New Hampshire and Vermont has rendered necessary the addition of a new wing to the present building. This wing, now in process of construction, will increase the capacity to a total of sixty-nine beds. The additional floor space will accommodate a maternity ward, a children's ward, and a small additional male ward, together with a few private rooms.

During the year 1911–1912 there were 1039 admissions, of which 210 were medical and 829 surgical cases. Nine hundred eighty-seven surgical operations were performed, while the medical cases included diseases of the respiratory, circulatory, digestive, and urinary systems, central and peripheral nervous system, and other classes of disease. In the out-patient department there were treated 213 cases of disease of the ear, nose, and throat; 37 ophthalmological cases; and 405 minor surgical cases, X-ray exposures, etc.

Because the classes are small each student has the opportunity before graduating of receiving personal instruction at the bedside, of assisting in operations, and of giving ether. They are divided into small groups which follow up the cases and do the dressings under direction. They are taught pyhsical diagnosis at the bedside and in the examining room. They make blood and urine tests of patients who are under their daily observation. The diagnosis, prognosis, and after history of these cases are discussed freely and in detail with the classes by the instructors.

The appointment of a recent graduate as house officer is made every six months, and the position affords full and valuable experience. The

terms of service begin on April first and October first and continue one year.

The College maintains a small but well-equipped Isolation Hospital. It affords a valuable opportunity for studying and following the contagious diseases. One or two advanced students serve each year as internes.