



# Faculty of Medicine

## Desired

By promoting the three missions of education, research, and medical care as a united body, the medical school fosters good medical personnel who can meet the needs of society. Thus our basic philosophy is to contribute to the development of medicine and nursing science and the improvement of regional comprehensive medicine.

### 【Education purpose and ability and aptitude necessary for learning after admission】 School of Medicine

Based on strong bioethics, in the practice of physicians, we will comprehensively capture problems under a broad social perspective and foster doctors who will conduct scientific and creative solutions. For that purpose, the curriculum formation and the necessary aptitude at the time of admission necessary to adapt to this curriculum and the learning activities at high schools etc. which are required of applicants for admission are as follows.

| Curriculum Format                    | Ability and aptitude at the time of admission necessary to adapt to the curriculum   |
|--------------------------------------|--|
| General Education Course             | In order to acquire basic knowledge in the fields of the natural sciences, technology, culture, and in the field of contemporary society, and to acquire a wide range of knowledge and ideas beyond specific subjects and subjects on specialization, and also foreign language subjects, you will need a basic English language skills to take English.   |
| Interface Subjects                   | In order to acquire the ability to identify and solve problems while being conscious of the connection with various problems in contemporary society, it is necessary not only to have an interest in contemporary tasks and events, but also group learning, presentation among students, etc. It is necessary to have a proactive behavior and learning attitude to actively carry out learning.   |
| Basic Professional Subjects          | A broad range of subjects to be acquired by high school, as it consists of integrated humanities (ethics, psychology, legal systems, welfare, life support, etc.) with the goal of fostering a high sense of ethics and rich humanity, and subject knowledge and skills are essential.   |
| Basic Medicine Subjects              | Because it consists of teaching subjects (molecular cell biology, developmental science, anatomy, physiology, biochemistry, microbiology, immunology, pathology, pharmacology, genetic medicine), to learn the basic knowledge and skills necessary for medicine, basic understanding and applied skills on mathematics, science and English to be taken at high school are essential.   |
| PBL Subjects by Function and Lineage | These courses consist of class subjects that comprehensively study diseases and their mechanisms according to the functions and systems of the human body, that study knowledge and learning self-learning habits, and encourage students to try to solve problems based on scientific and logical thinking. In order to carry out the problem-solving learning system in small groups aimed at achieving that goal, it is necessary for students to have the ability and attitude to actively engage in learning activities through a willingness to actively participate in discussions and communication with those around them.  |
| Clinical Training                    | In addition to acquiring medical knowledge, skills, and practical ability as a doctor in cooperation with the medical department hospital and the local medical institution, this is a place of practice to understand the significance of medical treatment in the local community, and to cultivate awareness of the doctor's responsibility career education. It is also a place to practice how to embody a good human relationship as a member of a medical care team and to make a good personal relationship through cooperation and communication, and is also the place to apply what you have learned to practice. It is necessary to have an attitude and set behaviors that can be learned as a member of team medical care. |

#### 〈High school subjects that applicants should study〉

Medicine is closely related to all fields of natural science, centering on life sciences, and is also deeply affected by human and social science elements. Therefore, it is necessary to master a broad range of subjects to be taken in high school without bias. In particular, it is necessary to fully understand the basics of biology, chemistry, physics, and mathematics, as well as being able to think logically about those decisions. In addition, it is important that students have an understanding of reference materials used in university learning and preparation of reports, as well as knowledge of English, a required language, and communication skills necessary for group discussions and presentations. Additionally, in order to ensure the aspiration for medicine, we

aim at the society surrounding medicine and medical care, and through our initiatives such as reading, volunteer activities, and exchanges with seniors involved in medical care, it is necessary that you produce a positive image of yourself. In addition to the above, the education and research of this department can be brought about by students who provide a good stimulus to surrounding students through their own learning activities and initiatives. We welcome students who have a "self-directed attitude" who can take charge of their activities.

## Nursing Department

| Curriculum Format           | Ability and aptitude at the time of admission necessary to adapt to the curriculum   |
|-----------------------------|--|
| General Education Courses   | In order to acquire basic knowledge on nature, culture and society, and to acquire a wide range of knowledge and ideas beyond specific subjects and subjects related to your specialization, and to take foreign language subjects (English), you need basic English language skills.  |
| Interface Subjects          | In order to acquire the ability to identify and solve problems while being conscious of the connection with various problems in contemporary society, it is necessary not only to have an interest in contemporary tasks and events, but also in group learning, presentation among students, etc. It is necessary to have a proactive behavior and learning attitude to actively carry out learning.  |
| Basic Professional Subjects | In order to take course subjects that study the structure and function of the human body and pathophysiology, diseases and treatment as basic knowledge necessary for nursing science, and course subjects that study basic understanding (nurse ethics, nutrition science) of related areas and specialized skills (nursing English, Career Design, Nursing Research Introductory, etc.), it is essential to have a broad understanding of and skills related to other subjects in addition to the basic understanding and applied power of mathematics and science taken in high school.   |
| Nursing-specific Subjects   | These consist of course subjects that systematically study comprehensive content on specialized knowledge and skills about nursing, acquiring knowledge, and learning self-studying habits, as well as solving problems based on scientific and logical thinking. In order to incorporate practice-type learning and small group learning with the goals of the courses, students must have an attitude to actively participate in discussions, they must also have the ability and attitude to activate learning activities through communication with those around them.   |
| Practical Training          | As a place of career education to gain knowledge and skills of nursing science and practical skills as a nurse, students will understand the meaning of nursing in medical care requested by the community and cultivate awareness of nurses' responsibilities. As a place of practice that sympathizes with others as a member of a medical care team and fosters good human relationships in order to carry out, under cooperation between medical department hospitals and the local medical institution, students need to have the proper attitude and ability to learn as a member of medical care team through coordination and communication. |

Based on a high sense of ethics, we seek students who comprehensively grasp health problems and we seek to foster nurses with practical ability to be flexible in their problem solving. For this purpose, the curriculum format and the ability and aptitude at the time of admission necessary to adapt to this curriculum and the learning activities at high schools which are required of applicants for admission are as follows:

〈High school subjects that applicants should study〉

Nursing science is a practical science for people of various health levels, ranging from healthy people to people with diseases. Human beings are physical, mental, and social entities, who maintain their health while interacting with the environment. As health, nature, humanities, and social science factors are deeply related, the study of nursing science requires the mastery of a broad range of subjects to be taken at high school without bias. In order to acquire nursing knowledge and specialized skills, which are the basis of nursing practice, it is particularly necessary to understand basic matters in biology, chemistry, physics, and mathematics, and to be able to think logically. Further, since nursing is conducted through human relationships, it is important to have acquired the spoken language skills necessary for communication of intentions in sentences and the communication ability to share the understanding between oneself and others. Learning at a university is a basis for lifelong learning in nursing, so it is desirable to look at societies in Japan and abroad in order to take an active stance to think for yourself through self-enlightening efforts such as reading and volunteer activities.