

Curriculum Policy of the Graduate School of Medicine

Based on its educational objectives and Diploma Policy, the Graduate School of Medicine has organized a systematic curriculum as stated below:

Master's Program

Department of Biomedical Science

This program comprises the single specialism of biomedical sciences and aims to foster experts with mastery of various fields of research and a broad, but also deep, understanding of biomedicine as a whole.

1. To facilitate students' acquisition of a sense of humanity and creativity, the graduate school has established courses to be taken by all students, namely Biomedical Science A, Biomedical Science B, Social Medicine, and Bioethics and Safety. In the Training Course for Medical Physicists, all students study Basic Course I of Clinical Oncology and Basic Course II of Clinical Oncology.
2. To facilitate students' acquisition of specialization, courses have been established as below:
 - Courses have been established that are deemed necessary to facilitate students' acquisition of extensive knowledge in the biomedical field and relevant advanced specialist abilities. In the Training Course for Medical Physicists, courses have been established that are deemed necessary to facilitate students' acquisition of basic knowledge of radiotherapy and the latest treatment methods.
 - The Research in Biomedical Science course has been established to facilitate students' acquisition of a scientific perspective, creativity, and an inquisitive mindset, as well as the ability to tackle new issues. Supervision relating to master's dissertations is also provided.
 - Courses have been established that are deemed necessary to facilitate the students' acquisition of a rich well-rounded education and high ethical standards.
3. To facilitate students' acquisition of international awareness, courses have been established, as below:
 - English for Science has been established to facilitate students' acquisition of the ability to clearly and logically communicate new findings from their own research, on an international stage if required.

To foster all these abilities, a systematic curriculum has been created in which basic knowledge relating to biomedical research is learnt through mandatory courses, and knowledge, research and experimental methods specific to the student's field of research are learnt through optional courses.

Under the necessary supervision, students utilize this knowledge and the acquired skills to write their dissertation.

Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.

Doctoral Program

Department of Medical Sciences

This program comprises the single specialism of medical sciences and aims to produce experts with mastery of various fields of research who are capable of assuming top leadership positions. Graduates of this program will possess a broad, but deep understanding of the field of medical sciences as a whole.

1. A sense of humanity – To facilitate students’ acquisition of a sense of humanity, the graduate school has established Common Foundation Courses.
2. Creativity – To facilitate students’ acquisition of creativity, the graduate school has established Trends in Medical Research Lectures and Special Lectures.
3. Specialization- To facilitate students’ acquisition of “specialization,” courses have been established as below:
 - Courses have been established that are deemed necessary to facilitate students’ acquisition of the advanced specialist knowledge and skills required of a medical doctor or medical researcher.
 - Major Subject courses have been established to facilitate students’ acquisition of a scientific perspective, creativity, and an inquisitive mindset, as well as the ability to tackle new issues. Supervision relating to doctoral theses is also provided.
 - Courses have been established that are deemed necessary to facilitate the students’ acquisition of a rich well-rounded education and high ethical standards, in addition to the ability to act as a medical doctor or medical researcher with a sound balance of intellect, reason, and emotion.
4. International awareness - To facilitate students’ acquisition of “international awareness,” courses have been established as below:
 - Courses have been established that are deemed necessary for students’ acquisition of the ability to play an active role internationally as a medical doctor or medical researcher

capable of successful communication, with a respect for diverse values and an understanding of different cultures.

To foster all these abilities, basic knowledge relating to medical research and relevant experimental techniques are acquired under the umbrella of Common Foundation Courses, as is cutting-edge knowledge of medical research by experts. In addition, under the umbrella of Major Subject Courses, courses specific to each program are studied, and a systematic curriculum is created so that students can study specialist knowledge and research related to their own field, for example, advanced diagnostic techniques. Under the necessary supervision, students utilize this knowledge and the acquired skills to write their dissertation.

Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.