Organization

Philosophy and Objectives / Admissions Policy

■Philosophy

The Graduate School of Medicine, Hokkaido University leads the world with cutting-edge research in medical science, and aims to equip the next generation of medical researchers and medical professionals with a strong sense of ethics and a well-rounded character to contribute to the health and welfare of humanity.

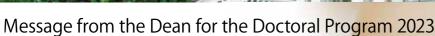
■Educational and Research Objectives

To help students develop advanced levels of knowledge and research skills in the fields of medical and life sciences and gain profound insights that will help them meet the needs of society. To promote world-leading research in the school in its role as part of a major Japanese university and to advance knowledge frontiers for the prosperity of humanity.

■ Admissions Policy (Expectations of Students)

We are looking for

- Students who are eager to engage in the research tailored to clarify life phenomena, to overcome diseases, and to improve human health standards
- Students who have intellectual curiosity, show the ability to analyze things logically, persevere as a team, and have competence to work as international leaders in each medical field
- Students who have fundamental reading and writing skills in English



and ensuring they have a strong sense of ethics and a well-rounded character.

emphasis on multidisciplinary education transcending the boundaries of academic disciplines while at the same time offering substantial curriculums that secure high levels of expertise on the courses. The courses are the Basic Medicine Course designed to nurture the next generation of medical researchers and physician scientists, the Social Medicine Course to develop future experts in social medicine and public health administration, and the Clinical Medicine Course to

program, students take graduate classes offered in the evening while continuing clinical training.

Students who pursue groundbreaking medical research at the Graduate School of Medicine will be science and medical care.

HATAKEYAMA Shigetsugu, M.D., Ph.D.

Dean, Graduate School of Medicine, Hokkaido University



Students are accepted in the following departments.

(As of July 1, 2023)

Departments

(Division of	Medical	Science)
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	Biochemistry	Molecular Biology** Medical Chemistry	
Physiological Science	Anatomy	Anatomy and Embryology ** Histology and Cytology	
	Physiology	Cell Physiology	
	Pharmacology	Neuropharmacology	
Pathological Science	Pathology	● Pathology	
	Microbiology and Immunology	●Immunology ●Microbiology and Infectious Diseases	
Social Medicine	Social Medicine	 Hygiene Public Health Forensic Medicine Health Care Policy** Biostatistics Medical Education and General Medicine Regulatory Science** Translational Research Management** Patient Safety Health Data Science Pharmaceuticals and Medical Devices Regulatory Science*** Clinical Genetic and Medical Ethics 	
Medicine	Internal Medicine	 Respiratory Medicine Gastroenterology and Hepatology Hematology Cardiovascular Medicine Hematology Health Care Medicine Clinical Cancer Genomics 	
	Radiology	■ Radiation Oncology ■ Diagnostic Imaging ■ Comprehensive Radiological Science ***	
SurgeryAr	Surgery	Gastroenterological Surgery I Gastroenterological Surgery II Renal and Genitourinary Surgery Cardiovascular Surgery Breast Surgery Thoracic Surgery	
	Anesthesiology and Critical Care Medicine	Anesthesia and Perioperative Medicine **	
and Rehabilitation Medicine Reproductive and		● Orthopedic Surgery	
	Reproductive and Developmental Medicine	Pediatrics Obstetrics and Gynecology	
	Sensory Organ Medicine	Dermatology Otolaryngology - Head and Neck Surgery Ophthalmology	
		Psychiatry Neurosurgery Neurology	
Interdisciplinary Medicine	Medical Biology	● Neurobiology ● Human Evolution Studies **	
	Immunology	► Immunobiology ► Molecular Psychoimmunology ► Biological Molecular Mechanisms	
	Pathological Oncology	► Stem Cell Biology ► Biomedical Oncology	
	Clinical Collaboration	Hospitals Serving as Clinical Collaboration	

- Collaborative Laboratory Established by Collaboration among Universities
 There will be no new enrollments for the 2024 academic year.
- Teaching staff of the Faculty of Medicine are in charge.
 Teaching staff of the Hokkaido University Hospital are in charge.
- Teaching staff of the Health Care Center Hokkaido University are in charge
- Teaching staff of the Institute for Genetic Medicine are in charge.

cultivation and fostering of students equipped with advanced levels of knowledge and research skills in the fields of medical and life sciences who have profound insights that will help them meet the needs of society. This objective is in line with the school's philosophy of leading the world with cutting-edge research in medical science and contributing to the health and welfare of humanity by developing the next generation of medical researchers and medical professionals

The Doctoral Program of the school is comprised of one division and three courses, which place foster individuals capable of conducting advanced clinical studies.

The graduate school launched a Medical Scientist Training Program (MD-PhD Program) for students at the School of Medicine in 2009 to expedite the fostering of educators and researchers in basic medicine possessing a physician's license, whose declining number is a source of concern. The program allows sixth-year students in the School of Medicine to take classes offered by the Doctoral Program of the Graduate School of Medicine. Students can receive their doctoral degree in three years as long as they meet the program completion requirements. In 2013, the graduate school also initiated a new program named the CLARC (CLinic And Research Combination) Program, which allows clinicians in their second year of clinical training to enroll in the graduate school early. In this The program is popular with clinicians aspiring to become physician scientists because it allows them to enroll in the graduate school while still undergoing clinical training. In 2022, the MD-MBA Program was established. This program allows students to earn both a Doctor of Medicine and a Master of Business Administration simultaneously in a minimum of five years, with a one-year overlap period.

required to help meet the needs of society by proactively working on creative knowledge practices and addressing social issues with high ethical standards as valued members of the scientific community. As we have built sufficient abilities and systems to meet the expectations of our students, we truly welcome those who are eager to do their part to support the future of medical

April 2023

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