



Graduate School

Graduate School of Medicine

Master's Program
Doctoral Program

Juntendo University Graduate School of Medicine positions medicine as a total science focused on humankind, offering a forum for education and research to understand and put into practice ever-advancing medical knowledge and technologies, and to master the ability to update them ourselves. Our goal is to nurture physicians and medical scientists to become not only scientists, but also highly sensitive individuals with a well-rounded education. The majority of education and research at the graduate school is conducted by laboratories focusing on 79 research fields, 20 research promotion centers, 13 endowed departments, 42 joint research departments, 2 university-industry research cooperation departments, and 3 joint graduate school courses (in partnership with the National Cancer Center Japan, the National Center for Global Health and Medicine, and Sagami National Hospital).

We have also established a master's program that enables graduate students to learn the basics of medicine, the life sciences, and health care science, and cultivates individuals with a broad, creative outlook, who will continue to be willing to engage with the field of medical science throughout their lives, and who will become highly motivated researchers and specialists in the fields of medical science and medical care at the international level. The master's program offers eight degree programs: Advanced Medical Science, Clinical Genetics (Genetic Counseling), Data Science, International Medical Sciences, Public Health and Global Health, Clinical Translational Science, Health Communication, and Global Health.





Juntendo is a leading Japanese center for cultivating researchers and highly-skilled practitioners capable of working both within Japan and overseas

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We have launched an innovative new initiative in the form of a graduate school partnership system, concluding agreements with the National Cancer Center Japan (FY2012), Japan Institute for Health Security and Sagami National Hospital (FY2014). In addition, our efforts to nurture medical professionals specializing in cancer care have been highly acclaimed, with our graduate school being selected by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) for inclusion in its Cancer Professional Training Plan in FY2012. In FY2017, we were selected for inclusion in MEXT's Program for Nurturing Physicians in Basic Research, under which we and our partner institutions (the University of Tokyo and Fukushima

Medical University) are forging links through ICT and cyclical exchange of personnel, aiming to carry out the necessary investigation of causes of death at regional core hospitals, undertake remote pathologic diagnosis, cultivate pathologists with a knowledge of genomic medicine, and deploy pathologists in Japan's provinces. Based on Juntendo's fundamental principles and strong ethical perspective, we have set ourselves the goal of cultivating basic medical scientists and clinical physicians with the willingness to dedicate their lives to medicine, and physician-scientists capable of moving between both realms, thereby ultimately creating people who will provide relief to all those who are suffering, whether physically or mentally. For the doctoral dissertation, those whose main dissertation and sub dissertation have a total impact factor (IF) of at least 6.0 in major international journals will be able to complete the program in three years.

We also strive to put in place environmental enhancements. Since the 2012 academic year, lectures have taken place in Century Tower, a lecture building equipped with an ICT environment that links Juntendo's campuses and affiliated hospitals via a dedicated network, enabling students to attend lectures remotely.

Trends in the Number of Doctoral Degrees Awarded by Juntendo University Graduate School of Medicine

Doctoral degrees in medicine By coursework: 3,226 degrees By thesis only: 2,582 degrees (Total: 5,808 degrees)

■ Doctoral Degrees by Coursework
■ Doctoral Degrees by Thesis Only

◎ Percentage of doctoral dissertations in English / Average IF ^{*1,3}

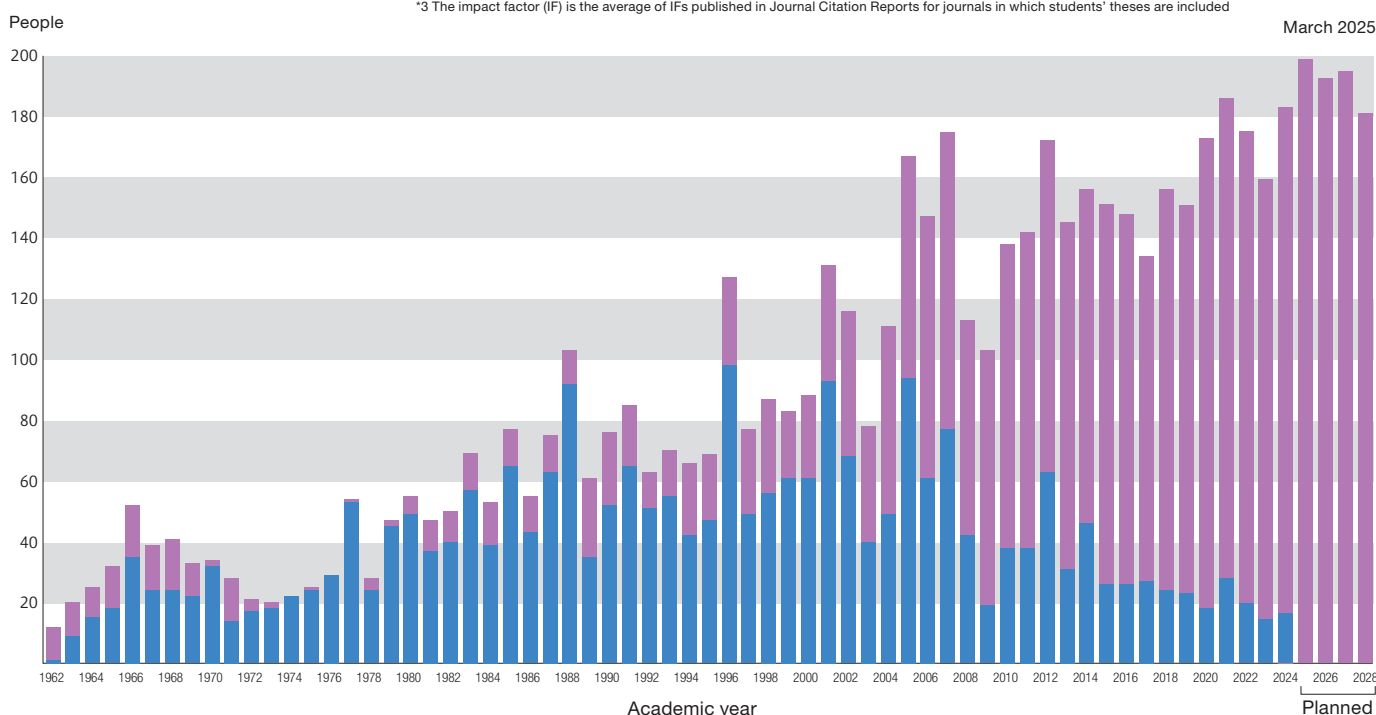
Dissertations for doctoral degrees by coursework: 99.2% in English / Average IF ≈ 4.115 ^{*2}

Dissertations for doctoral degrees by thesis only: 100.0% in English / Average IF ≈ 3.371

^{*1} The calculation period covers individuals who received their degree between the 2022 and 2025 academic years

^{*2} The average IF of dissertations for doctoral degrees by coursework covers individuals whose doctoral dissertation was accepted for publication

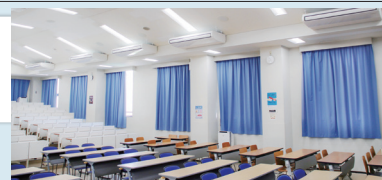
^{*3} The impact factor (IF) is the average of IFs published in Journal Citation Reports for journals in which students' theses are included





We have substantially expanded the Graduate School of Medicine's doctoral program curriculum via MEXT's Support Program for Improving Graduate School Education.

Year of Study	Curriculum			Research Support
	Core Programs		Specialized Programs	
1 st Year	Entrance Ceremony/Orientation Basic Education Compulsory 1. Basic Course 2. Research Support Course (Research Support Center Intensive Course) Practical Education Compulsory Electives 1. Molecular Pathobiology 2. Allergy and Immunology 3. Oncology 4. Medical Neuroscience 5. Lifestyle Medicine 6. Medicine in Society 7. Animal Experiments 8. Identification of Bacteria Species and Virus Titration 9. Introduction to Clinical Statistics 10. Applied Clinical Statistics 11. Introduction to Medicine and Medical Sciences 12. Health and Productivity Management in Our Society	Lecture Series Compulsory/Compulsory Electives/Electives 1. Graduate School Special Lectures 2. Graduate School Special Lectures (Urayasu Hospital) 3. Graduate School Special Lectures (English) 4. Advanced Medical Science 5. Current Topics 6. Intensive English (1) 7. Intensive English (2) 8. Basic Lecture Series: Use of Antimicrobial Agents 9. Basic Healthcare Management	Specialized Education Compulsory Lectures, Practicum, Experiments and Practicals Course for Researchers / Course for Advanced Clinical Specialists 1) Environment and Humans 2) Life Functions of the Human Body 3) Regeneration and Reconstruction of the Human Body 4) University Hospital 5) Endowed Department 6) Collaborative Research 7) Industry-Academia Collaborative Research Department 8) Affiliate Graduate School Specialized Research	Research Support Center / Research Strategy Promotion Center
	Evaluation of Research Progress (August) Evaluation of Research Progress: Preparation and Submission of Research Plan and Research Guidance Plan			
	Performance evaluation based on 1st-year attainment targets (self-appraisal / evaluation by faculty member)			
2 nd Year	Basic Education Compulsory 3. Advanced Course	[Reference] 1.-2. [Required 3 times in each of the 1st, 2nd, and 3rd years] 3. [Required twice in each of the 1st, 2nd, and 3rd years] 4.-9. [Elective]	Specialized Research Compulsory Dissertation Basics / Applied Practicals • Poster Sessions • Research Guidance (guidance on preparing the dissertation)	
	Evaluation of Research Progress (March) Preparation and Submission of Research Progress Report			
	Performance evaluation based on second-year attainment targets (self-appraisal / evaluation by faculty member)			
3 rd Year	Evaluation of Research Progress (March) Interim Evaluation Based on a Poster Session			
	Performance evaluation based on third-year attainment targets (self-appraisal / evaluation by faculty member)			
4 th Year	Preparation and Submission of Dissertation			
	Evaluation of Research Progress (Application Deadline: November) Dissertation Defense [Final Examination] (December-February or thereabouts)			
	Performance evaluation based on fourth-year attainment targets (self-appraisal / evaluation by faculty member)			
Completion requirement: 30 credits				
Degree Conferment				



Cultivating highly motivated researchers and specialists in the fields of medical science and medical care at the international level, whether or not they hold a license to practice medicine

We established our master's program in the 2013 academic year, enabling students who were not educated at a school of medicine to learn the basics of medicine, the life sciences, and health care science. The curriculum for the master's program in medical science cultivates individuals with a broad, creative outlook, who will continue to be willing to engage with the field of medical science throughout their lives, and who will become highly motivated researchers and specialists in the fields of medical science and medical care at the international level, imbued with the spirit of *jin* (benevolence).

In the 2019 academic year, we established a new master's program in public health, for those wishing to study epidemiology, biostatistics, social and behavioral science, public health and health care administration. The objective of the public health course is to cultivate highly skilled professionals with the practical and managerial skills required for clinical research, and specialists with the practical capabilities needed in front-line global health settings, including public health measures, health guidance, and international public health activities.

The 2020 academic year saw the establishment of our new genetic counseling course to train certified genetic counselors, followed in the 2021 academic year by the launch of our health communication (medical interpreting) program, which qualifies students to take the examination to become an accredited medical interpreter, and our data science program, which cultivates personnel equipped with AI-related knowledge and skills, who are capable of analyzing big data to create solutions and new value.

We currently offer eight degree programs categorized according to the degree awarded. Students can choose between degree programs in Advanced Medical Science, International Medical Sciences, Clinical Genetics (Genetic Counseling), and Data

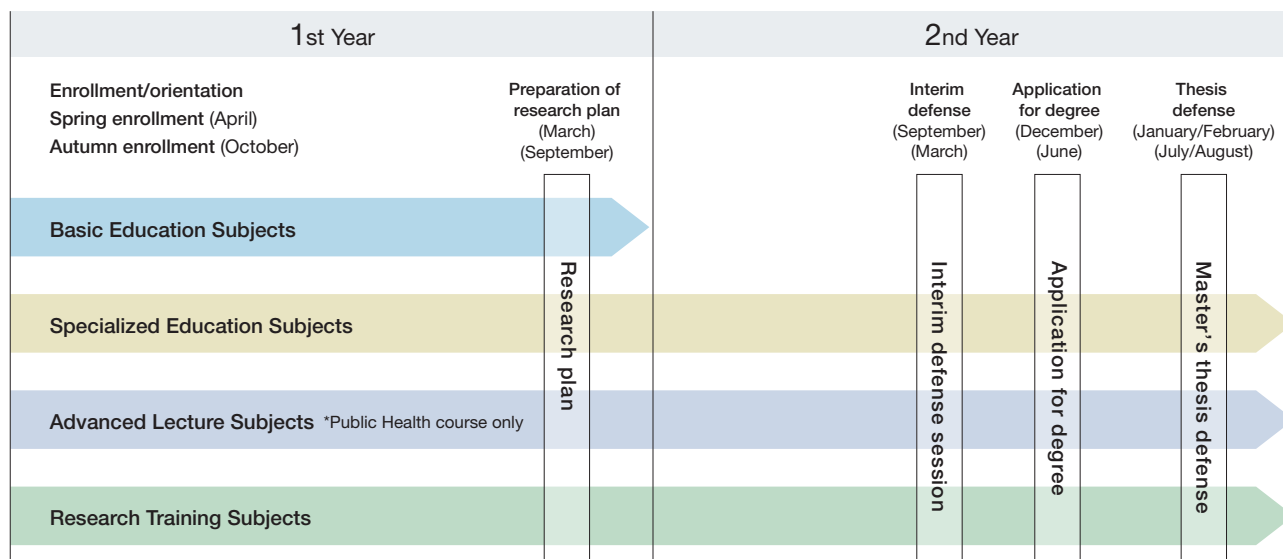
Science, for which the degree of Master of Science (Medical Science) is available, and degree programs in Public Health and Global Health, Clinical Translational Science, Health Communication, and Global Health, for which the degree of Master of Science (Public Health) is available.

* Only the International Medical Sciences and Global Health programs offer an English curriculum with autumn enrollment. All other degree programs are conducted in Japanese.

Those who have been educated in a field other than medicine and are already working in the field of medicine or medical care will be nurtured to become medical professionals capable of demonstrating leadership in their field of specialization, and will gain further expertise to become research administrators able to provide advice from a researcher's perspective. Those with no previous experience of studying the basics of medicine and medical care will be given the opportunity to comprehensively study fundamental medical knowledge in the fields of basic medical science and basic clinical medicine, thereby cultivating leaders capable of playing active front-line roles in fields associated with medical care in the future.

The special research subject cultivates individuals with interdisciplinary knowledge, who are capable of researching a theme in which they are interested with their research supervisor and making ongoing use of the specialist knowledge gained to advance research in the field of medical science. Those aiming to advance to the doctoral program are expected to join the Juntendo Graduate School of Medicine doctoral program after completing their master's program and, in the future, find employment in the field of medical care as university researchers or technicians, or at government offices, companies, or hospitals.

Curriculum overview chart



Graduate School of Medicine (Master's Program)

The master's program of the Graduate School of Medicine offers a choice of two courses and eight degree programs.

Course	Degree Program	Degree Awarded
Medical Science Course	Advanced Medical Science Degree Program (Curriculum in Japanese) We established this program to enable students who were not educated at a school of medicine to learn the basics of medicine, the life sciences, and health care science. The curriculum for the Advanced Medical Science degree program cultivates individuals with a broad, creative outlook, who will continue to be willing to engage with the field of medical science throughout their lives, and who will become highly motivated researchers and specialists in the fields of medical science and medical care at the international level, imbued with the spirit of <i>Jin</i> (benevolence).	Master of Science (Medical Science)
	Clinical Genetics (Genetic Counseling) Degree Program (Curriculum in Japanese) As a program designed to train certified genetic counselors, the Clinical Genetics (Genetic Counseling) degree program cultivates professionals who will play a vital role in genomic medicine, equipping them with the specialist knowledge and counseling theories and techniques required for the practice of genetic counseling. This will enable them to offer psychological and social support to patients requiring genetic medical treatment and their family members through the provision of various information, including appropriate genetic information and details of social support systems, to help them make independent decisions.	
	Data Science Degree Program (Curriculum in Japanese) The Data Science degree program equips students with knowledge and skills in AI, cultivating individuals capable of solving problems and creating new value by analyzing big data accumulated in various settings, including medical care, health, and sport. The aim of this program is to discover and develop the managers and top executives who will open up a path to the next generation in the realms of AI and data science in fields such as business, medical care, and sport.	
	International Medical Sciences Degree Program (Curriculum in English) This program is open to international students who enroll in the autumn (October).	
Public Health Course	The Public Health Course cultivates highly skilled professionals with the practical and managerial skills required for clinical research and specialists with the practical capabilities needed in front-line global health settings, including public health measures, health guidance, and international public health activities. Topics of study include epidemiology, biostatistics, social and behavioral science, and public health and health care administration.	Master of Science (Public Health)
	Public Health and Global Health Degree Program (Curriculum in Japanese) Public health is a field of study whose objective is to promote people's health and address such threats to health as the burden of disease and disparities in standards of health by putting measures into practice at the community level. This program cultivates personnel of the kind described below, who are equipped with the ability to solve all kinds of public health problems and will serve as experts and instructors both within Japan and overseas. • Outstanding personnel with basic knowledge, ethical perspectives, and creativity, who will independently undertake research and practice in the public health and global health fields • Personnel with a global outlook, who are capable of addressing all kinds of health problems within Japan and overseas • Personnel who not only have insight into the reality of health disparities and the health of vulnerable people from a global perspective, but also have lofty ideals in the form of the desire to help tackle the challenges faced by humanity	
	Clinical Translational Science Degree Program (Curriculum in Japanese) This program cultivates clinical research support coordinators of the kind described below, with an emphasis on practical skills. In doing so, we make full use of the university's excellent clinical research support organization (Juntendo Clinical Research and Trial Center), as well as the abundant clinical data provided by Juntendo University Hospital, which is accredited by Joint Commission International (JCI) and is also certified as a Clinical Research Core Hospital. • Personnel proficient in the skills required to support clinical research • Personnel with a wide-ranging understanding of the duties involved in clinical research support, and the outstanding team management ability required to improve multidisciplinary collaboration • Personnel capable of building frameworks for smooth collaboration between clinical researchers and those who support them	
	Health Communication Degree Program (Curriculum in Japanese) Designed to train certified medical interpreters, the Health Communication degree program cultivates individuals who will play a vital role in medical interpreting, providing appropriate support to patients in need of medical interpreting services and their families by facilitating communication between medical personnel and patients. Students take courses based on the Ministry of Health, Labour and Welfare's medical interpreter training curriculum that equip them with the specialist knowledge and techniques required for medical interpreting.	
	Global Health Degree Program (Curriculum in English) This program is open to international students who enroll in the autumn (October).	