

2022 Admissions Guide: Doctoral Program of Medicine Graduate School of Medicine, the University of Tokyo —2022年度東京大学大学院医学系研究科医学博士課程学生募集要項—

Purpose of Education for Research

The purpose of research training in the Graduate School of Medicine is to promote advanced research that will contribute to breakthroughs in the understanding of the mechanisms of life, to improve health, to contribute to the struggle against disease, and to foster international leaders in all fields of medicine who are outstanding scholars and highly creative researchers.

Admission Policy

Consistent with the aims described above, for its PhD programs in the Graduate School of Medicine, the University of Tokyo seeks students who have the potential to become international leaders in all fields of medicine through outstanding scholarship and advanced and highly creative research. We seek those who will, as described above, contribute to the understanding of the mechanisms of life, to preventing, curing, and recovering from disease, and to promoting and supporting healthy human development.

1. Eligibility criteria

- (1) Persons who have graduated or are expected to graduate from a program to study medicine or dentistry at a Japanese university by 31 March 2022. (Note 1)
- (2) Persons who have graduated or are expected to graduate from a six-year program to study pharmacy or veterinary medicine at a Japanese university by 31 March 2022. (Note 1)
- (3) Persons who have completed or are expected to complete 18 years of overseas curricular education (ending with a program in medicine, dentistry, pharmacy or veterinary medicine) by 31 March 2022. (Note 2)

Nota bene: Persons on whom a foreign university has not conferred (and is not expected to confer) a Bachelor's degree in medicine, dentistry, pharmacy, or veterinary medicine provided they meet the conditions related to the restrictions described in (7) or (8) below, and after undergoing individual eligibility review to determine whether their academic ability is equivalent or superior to that of graduates of a program of study in medicine, etc., at a Japanese university, may be granted eligibility to take the entrance examination -- provided that, before applying, they have undergone the [individual] eligibility review whose application procedure requirements are described in Note 6 and Note 7 below.

- (4) Persons who have been conferred or are expected to be conferred a degree equivalent to that of a bachelor's degree from a foreign university or other foreign institution of higher education (restricted to those whose comprehensive status of education and research activities has been assessed by the government of the said foreign country or a related organization) by March 31, 2022, having completed a program (restricted to a program to study veterinary medicine, medicine, pharmacy or dentistry) which requires at least five years of study. (Note 2)

Nota bene: Persons on whom degrees have been conferred (or are expected to be conferred) by a foreign university with a five-year program of study and whose final program of study is neither medicine, dentistry, pharmacy, nor veterinary medicine, are not eligible to apply under the conditions described here. This notwithstanding however, provided they meet the conditions related to such restrictions described in (7) or (8) below, after undergoing individual eligibility review to determine whether their academic ability is equivalent or superior to that of graduates of a program of study in

medicine, etc., at a Japanese university, may be granted eligibility to take the entrance examination -- provided that, before applying, they have undergone the [individual] eligibility review whose application procedure requirements are described in Note 6 and Note 7 below.

- (5) Persons who have graduated or are expected to graduate from an educational institution designated by the Minister of Education, Culture, Sports, Science and Technology by March 31, 2022. (Note 3)
- (6) Persons who have graduated from a master's program, etc. (Note 4) at a Japanese university and are recognized by the Graduate School of Medicine based on an eligibility review as having academic ability equivalent to or surpassing that of a person who has graduated from a program in medicine, etc. (Note 5) at a Japanese university. (Note 1)
- (7) Persons who have engaged or are expected in research for 2 years or more at a university or a research institute by March 31, 2022 after graduating from a Japanese university (excluding programs in medicine, dentistry, or pharmacy or veterinary medicine) or completing 16 years of overseas curricular education and are recognized by the Graduate School of Medicine based on an eligibility review as having academic ability equivalent to or surpassing that of a person who has completed a program in medicine, etc. (Note 5) at a Japanese university. (Note 1) (Note 6)

Nota bene: This clause pertains to persons with documented evidence of two or more years' employment doing research at a university or a research institute etc.

- (8) Persons who are recognized by the Graduate School of Medicine based on an individual eligibility review as having academic ability equivalent to or surpassing that of a Japanese university graduate, and who are aged 24 years or older on 31 March 2022. (Note 7)

Nota bene: This clause pertains to persons on whom a Master's degree has been conferred by a foreign university; note that, before applying for admission, applicants must undergo an individual eligibility review (Note 7).

Note also that applicants' Bachelor's degree may have been conferred irrespectively either by a Japanese or by a foreign university.

Nota bene: Clause (7) above, not this clause, pertains to persons with documented evidence of two or more years' employment doing research at a university or a research institute etc.

Note 1: "Japanese university" mentioned in Eligibilities (1), (2), (6) (7), and (8) above is a university within the boundaries of Japan and as prescribed in Article 83 of the School Education Law.

Note 2: Eligibilities (3) and (4) above include the case of having completed a distance education program provided by a foreign school of said country while residing in Japan.

Note 3: "Persons who have graduated or are expected to graduate from an educational institution designated by the Minister of Education, Culture, Sports, Science and Technology" as per eligibility criterion (5) are as follows:

- ① Persons who have studied medicine or dentistry at the medical or dentistry faculty of a university prescribed by the old University Ordinance and who have graduated from either of these faculties.
- ② Persons who have graduated from the National Defense Medical College under the Act for Establishment of the Ministry of Defense.
- ③ Persons who have completed a program of a foreign university (restricted to those who have completed 18 years of bachelor's education in the school education system of said foreign country, ending with a program either in veterinary medicine, medicine, pharmacy or dentistry) while in Japan, the said program having been designated separately by the Minister for Education, Culture, Sports, Science and Technology and belonging to an educational institution under the school education system of the said foreign country.

Note 4: "Persons who have completed a master's program, etc. at a Japanese university" as per eligibility criterion (6) are as follows:

- ① Persons who have completed a master's program or a professional degree program at a Japanese university and those who are eligible to be conferred a master's degree.
- ② Persons who have been enrolled for at least two years in a doctoral program which is not separated into former and latter parts, and have obtained at least 30 academic credits in addition to the required research guidance at a Japanese university.

Nota bene: Applicants are considered eligible if either ① or ② above pertain; prior review of their entrance examination eligibility is not required.

Note 5: "A program in medicine, etc. at a Japanese university" mentioned in Eligibility (6), (7) and (8) above is an undergraduate program at a Japanese university as follows:

- ① A program to study medicine
- ② A program to study dentistry
- ③ A program to study pharmacy whose main purpose is to cultivate practical clinical ability
- ④ A program to study veterinary medicine

Note 6: Persons who intend to apply for admission under eligibility criteria (7) above must first undergo an *eligibility review*. To undergo the *eligibility review*, it is necessary for applicants to contact the Graduate School of Medicine's Administration Office (refer to 6(3) below) in advance and to submit the required documents to the Office by Thursday, 24 June, 2021. Persons who are deemed by the Graduate School of Medicine on the basis of an eligibility review to have academic ability equivalent or superior to that of a university graduate described in eligibility criteria (1) or (2) shall be permitted to take the entrance exam upon application.

Eligibility review result will be notified by a postal mail around the middle of July, 2021.

Note 7: ① Eligibility criterion (8) above is intended for those who do not fall under eligibility criteria (1) - (7) and have graduated from/completed a program to study medicine, dentistry, pharmacy or veterinary medicine at an educational institution that is equivalent to a six-year university, and have been deemed by the Graduate School of Medicine on the basis of an *individual eligibility review* to have academic ability equivalent or superior to that of a university graduate described in eligibility criteria (1) or (2).

② Persons who intend to apply for admission under eligibility criterion (8) above must first undergo an *individual eligibility review*. To undergo the *individual eligibility review*, it is necessary for applicants to contact the Graduate School of Medicine's Administration Office (refer to 6(3) below) in advance and to submit the required documents to the Office by Thursday, 24 June, 2021.

③ Persons who are deemed by the Graduate School of Medicine on the basis of an *individual eligibility review* to have academic ability equivalent or superior to that of a university graduate described in eligibility criteria (1) or (2), shall be permitted to take the entrance exam upon application.

Eligibility review result will be notified by a postal mail around the middle of July, 2021.

2. Admission criteria

Admission shall be determined based on a comprehensive judgment of the academic performance of the school they came from, the results of other documents screening, written examination and oral exam and so on.

3. Exam subjects and quotas

Major	Research Fields	Written Exam Subjects		Quota
		Foreign Language	Specialized Subject	
Molecular Cell Biology	Cell Biology Structural Biology Structural Cell Biology Cellular Neurobiology Molecular Biology Cellular Signaling Physiological Chemistry and Metabolism Advanced Structural Studies Molecular Biomedicine for Pathogenesis Genome informatics Medical Lipid Science Cancer Cellular Signaling	English TOEFL score is to be used*	Following 2 questions: (1) One question from desired research field (2) One common question from each major (selected at exam)	19
Functional Biology	Integrative Physiology Cellular and Molecular Physiology Neurophysiology Cellular and Molecular Pharmacology Systems Pharmacology Structural Physiology Brain Functional Dynamics			14
Pathology, Immunology and Microbiology	Human Pathology and Diagnostic Pathology Molecular Pathology Surgical Pathology Microbiology Infection Control and Prevention Immunology Clinical Immunology Animal Resources Neoplastic Pathology Molecular Oncology Infection Pathology			33
Radiology and Biomedical Engineering	Diagnostic Radiology Radiation Oncology Nuclear Medicine System Physiology Biological Information Science Biosystem Construction and Control Biomechanics Medical Photonics Clinical Biomedical Engineering Molecular Radiology Regenerative Medical Engineering Integrative Genomics			17
Neuroscience	Neuropathology Neurochemistry Neurobiology Developmental Neuroscience Cognitive Neuroscience Systems Medical Neuroscience Sensory Motor Neuroscience Neuropsychiatry Neurology Neurosurgery			21

	Child Neuropsychiatry Nerve dynamics of Medical Science			
Social Medicine	Preventive Medicine Public Health Forensic Medicine Medical Informatics Health Communication Clinical Information Engineering Clinical Epidemiology and Health Economics Environmental Health Sciences Social and Preventive Epidemiology Mental Health Health and Social Behavior Biomedical Ethics Cancer Control Policy and Research Cancer Epidemiology Cancer Communication	English TOEFL score is to be used*	Following 2 questions: (1) One question from desired research field (2) One common question from each major (selected at exam)	14
Internal Medicine	Cardiovascular Medicine Vascular Biology Respiratory Medicine Gastroenterology Nephrology Endocrinology Nutrition and Metabolism Hematology and Oncology Allergy and Rheumatology Infectious Diseases Stress Science and Psychosomatic Medicine Clinical Laboratory Medicine Transfusion Medicine Clinical Biotechnology Molecular Diabetology			36
Reproductive, Developmental and Aging Sciences	Reproductive Endocrinology Gynecological Oncology Perinatal Medicine Molecular Cellular Reproductive Medicine Pediatrics Developmental Pediatrics Pediatric Surgery Pediatric Oncology Geriatrics Aging Research Health Policy for Children and Families Medical Science for Life and Aging			16

Surgical Sciences	Thoracic Surgery Cardiovascular Surgery Gastrointestinal Surgery Hepatobiliary Pancreatic Surgery Urology Artificial Organ and Transplantation Division Surgical Oncology Vascular Surgery Metabolic Care and Endocrine Surgery Dermatology Plastic and Reconstructive Surgery Oral and Maxillofacial Surgery Orthopaedic Surgery Ophthalmology Otorhinolaryngology and Head & Neck Surgery Rehabilitation Medicine Anesthesiology Emergency and Critical Care Medicine Operating room management and surgical metabolism Palliative Medicine	English TOEFL score is to be used*	Following 2 questions: (1) One question from desired research field (2) One common question from each major (selected at exam)	40
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Notes

- * For details, see the 'Notice Regarding Foreign Language (English) Examinations for Entrance to the Doctoral Program of Medicine in attached documents.
- *Students* who are expected to complete the Graduate School of Medicine's Master's Degree in Medical Science program in the University of Tokyo are exempted from the written exam.
- Depending on the exam results, the number of admitted students may be less than the quota.

4. Exam dates & venues

- (1) Written exam: Thursday, 14 October 2021
- (2) Oral exam: Friday, 15 October 2021
- (3) Details of the exam schedules and venues will be given in the 'Examinee Guidelines' which will be sent by postal mail in the middle of September, 2021.

5. Announcement of successful applicants & admission procedures

- (1) A list of successful applicants will be posted on both the notice board in front of the Faculty of Medicine Main Building (Igakubu Honkan) and website (<http://www.m.u-tokyo.ac.jp/index.html>) at 12:00 p.m. on Friday, 26 November 2021.
- (2) A letter of acceptance will be posted to each successful applicant in late February 2022.
- (3) Acceptance letter recipients are required to complete the necessary admission procedures (i.e., payment of admission fees and submission of admission forms) in accordance with the accompanying Admissions Guide within designated period on mid-March 2022. Failure to complete the admission procedures shall be regarded as refusal of admission.
- (4) Estimated costs of admission in 2022
 (International students with a Japanese Government [*Monbukagakusho*] Scholarship are exempt from these fees)
 - ① Admission fee: ¥282,000 (estimated)

② 1st semester tuition fee: ¥260,400 (annual tuition fee of ¥520,800; estimated)

The above fees are estimates only. Any revisions to student fees upon admission or during enrollment shall become effective immediately.

6. Application procedure

(1) Applicants must contact faculty member before applying.

Applications must be sent by postal mail.

Place all of the necessary application documents in a single envelope designated by the Graduate School of Medicine, and send by registered mail.

If the application documents cannot fit inside the designated envelope, place the documents together with the envelope in a suitably sized package and send by registered mail.

Graduate School of Medicine's Admission Office does not respond to inquiries on about individual delivery status. Each delivery status must be confirmed by tracking number on applicants' side.

(2) Submission period

Applications must arrive between Friday 9 July and Tuesday 20 July, 2021. The envelope must be postmarked no later than Tuesday, 20 July 2021, and must arrive no later than Monday 26 July 2021. *Research Students (Monbukagakusho Scholarship students)* scheduled to arrive in Japan in autumn 2021 must first contact the Administration Office (see 6(3) below for contact details).

(3) Address

Graduate Student Affairs Section,
Graduate School of Medicine, the University of Tokyo
7-3-1 Hongo, Bunkyo-ku, Tokyo, Japan 113-0033
Tel: (81) 03-5841-3309 (Graduate School of Medicine)

(4) Application documents (asterisk [*] indicates that a specified form must be used)

Document	Who should submit	Description
a.* Application Form	All applicants	Attach three identical passport photos taken within the last three months of the application date to the space provided on the: 1) Application Form; 2) Photo ID Card; and 3) Exam Card. (<i>jukenhyo</i> ; 受験票).
b.* Self-addressed envelopes	All applicants	Submit three self-addressed envelopes and affix ¥374 worth of postage stamps to the envelope marked 'Exam Card Enclosed' (<i>jukenhyo zaichu</i> ; 受験票在中). If your sending address is outside Japan, please enclose sufficient IRC(International Reply Coupons, 1 piece of IRC=130 yen). The cost depends on the area where you receive.
c.* Exam fee (¥30,000)	All applicants except the following: (1) Those expected to complete a master's program or professional degree program at the	The exam fee must be paid at a bank branch or convenience store, or by credit card. The applicant is responsible for any fees or charges associated with the payment. <i>Bank transfer:</i>

	<p>University of Tokyo in March 2022</p> <p>(2) International students on a <i>Monbukagakusho</i> Scholarship</p> <p>*Students currently enrolled at a different university must submit their official scholarship certificate</p>	<p>Fill out the designated Transfer Request Form and submit it together with the exam fee at your nearest bank branch. The payment cannot be made at a Japan Post Bank (<i>Yucho Ginko</i>), post office, ATM, or via the internet.</p> <p>The bank will give you the Transfer Receipt ('<i>Furikomikin Uketorisho</i>'; Form B) which you should retain for your own records, and the Certificate of Transfer Receipt ('<i>Furikomikin Uketsuke Shomeisho</i>'; Form C) which you should attach to the space provided on the rear of the Application Form.</p> <p><i>Convenience store & credit card payments:</i> Refer to the attachment '<i>How to Pay the Graduate School of Medicine Exam Fee at a Convenience Store or by Credit Card</i>' for details on how to make the payment.</p>
d. Academic transcripts	All applicants	<p>Those who have graduated or are expected to graduate from a program in medicine, dentistry, pharmacy or veterinary medicine' must submit bachelor's transcript. Original certificates only.</p> <p>Those who have completed or are expected to complete a master's or professional degree program must submit bachelor's and master's transcript. Original certificates only.</p> <p>In the case of students graduating from universities outside Japan, please submit transcripts in English. If documents cannot be submitted in English, you must submit English translation of transcripts provided by official agencies. Photocopies are not acceptable.</p> <p>If the applicant has changed the applicant's university or participated in exchange programs and if the applicant's home university does not report grades earned, name of courses and dates of attendance, he/she must include official transcripts from all the former universities or colleges.</p>
e. (Anticipated) Certificate of graduation	All applicants [NOT required for (anticipated) graduates of the University of Tokyo's Faculty of Medicine or Graduate	<ul style="list-style-type: none"> • Those who have graduated/are expected to graduate from a program in medicine, dentistry, pharmacy or veterinary medicine' must submit certificate of bachelor's (anticipated) graduation; original certificates only. • Those who have completed or are expected to

	School of Medicine]	<p>complete a master's or professional degree program must submit master's (anticipated) certificate of graduation ; original certificates only.</p> <p>In the case of students graduating from universities outside Japan, please submit certificate in English. If documents cannot be submitted in English, you must submit English translation of transcripts provided by official agencies. Photocopies are not acceptable.</p> <p>The degree acquired must be indicated. If the name and the date of the degree awarded are contained in the Official Transcript, applicants do not have to submit the Official Proof of Graduation.</p> <p>Submit a certificate of the degree conferred, created by the National Institution for Academic Degrees and University Evaluation if you have been awarded a degree from the National Institution for Academic Degrees and University Evaluation.</p>
f. Score report of TOEFL	All applicants (except applicants who admitted to be exempted from submission.)	For details, see the 'Notice Regarding Foreign Language (English) for Entrance to the Doctoral Program of Medicine in attached documents.
g.* Certificate of Japanese language ability	Non-Japanese applicants only [NOT required for those who have graduated or are expected to graduate from a Japanese university]	The certificate must be issued by a Japanese instructor or equivalent person who is able to objectively assess your Japanese language ability. Alternatively, a certificate issued by a Japanese language school is also acceptable.
h Proof of change in name	if applicable	Those who have changed their name and will submit supporting documents that were issued under their former name are required to enclose an ORIGINAL document that proves change in name. (e.g. Certificate of Individual Records, Certificate of Acceptance of Marriage Report). Photocopy cannot be acceptable.

7. Other important points

- (1) The Exam Card and Examinee Guidelines will be mailed to you in the middle of September, 2021 in the self-addressed envelope described in 6(4)b. If you have not received them by four days prior to the exam, contact the Administration Office (see 6(3) above) for instructions.
- (2) If you select a written exam subject other than that specified for your desired major, the exam will be invalid.

- (3) Following the submission of application documents, changes to the documents or the refund of exam fees will not be allowed under any circumstances. Once application documents are received, they are not returnable.
- (4) Those who wish to maintain their employment at a government office, school, hospital, or private company during enrollment are required to submit a consent form (format optional) from their employer when completing the admission procedures(see5(3)above), to the effect that they will remain committed to their studies while enrolled.
- (5) International students are required to obtain the appropriate visa according to the Immigration Control and Refugee Recognition Act (Cabinet Order No. 319 of 1951) prior to undertaking the admission procedures.
- (6) Admission fees shall not be refunded under any circumstances following the completion of admission procedures.
- (7) Applicants with a physical disability who require special consideration or assistance during the entrance exam or after enrollment should contact the Administration Office (see 6(3) above) when submitting their application.
- (8) Names, addresses, or other personal information obtained from applications will only be used for: ① screening of applicants (application processing & screening); ② the announcement of successful applicants; and ③ tasks related to admission procedures. This personal information will also be used for: ① academic affairs (enrollment records, learning etc.); ② student support (health management, employment assistance, applications for scholarships and exemption from tuition fees, use of libraries, etc.); and ③ collection of tuition fees.
- (9) The University may retroactively cancel admission of any student who has falsified personal information or academic record in his or her application form.
- (10) The examination results used in the selection of entrants may be used in future studies for the improvement of both the entrance examination and the education at the University of Tokyo.
- (11) The University of Tokyo has established the “The University of Tokyo Security Export Control Regulations” in accordance with Japan’s “Foreign Exchange and Foreign Trade Act”, and rigorously screens potential international students on the basis of these regulations.

Please be aware that international applicants who fall under any of the conditions set out in said regulations may not receive permission to enroll at the university or may have their research activities restricted.

Details can be obtained from the following website:

Office of Export Control

<https://www.u-tokyo.ac.jp/adm/export-control/ja/rule.html> (Japanese only)

May 2021