



# STUDENT ADMISSION INFORMATION FOR 2020

## DOCTORAL PROGRAM

### DISABILITY SCIENCES

### HEALTH SCIENCES

Application period	① June 3 (Mon), 2019— June 17 (Mon), 2019	prescreening
	② July 16(The), 2019— July 25(Thu), 2019	
Entrance examination	August 22(Thu), 2019	
Announcement of successful applicants	September 5(Thu), 2019	
Registration for admission	April 1, 2020	

TOHOKU UNIVERSITY

GRADUATE SCHOOL OF MEDICINE

May 2019

This is an informal translation edited for reference. The official document you should refer to is the original one in Japanese, “令和2年度入学生募集要項（障害科学専攻博士課程後期3年の課程、保健学専攻博士課程後期3年の課程）”.

The Tohoku University Graduate School of Medicine is seeking students for the Doctoral Program according to the following guidelines:

## 1. Number of Openings for Students

MAJOR		NUMBER OF OPENINGS
I	Disability Sciences	9
II	(1) Course of Nursing	12
	(2) Course of Radiological Technology	
	(3) Course of Medical Technology	

\*For offered fields (education and research field), please refer to the Tohoku University Graduate School of Medicine website.

[http://www.med.tohoku.ac.jp/english/about/laboratory/areas\\_index.html](http://www.med.tohoku.ac.jp/english/about/laboratory/areas_index.html)

## 2. ADMISSION REQUIREMENTS

Applicants for the doctoral program (latter three years of the doctoral program) must satisfy one of the following conditions:

- (1) Those who have a master's degree or a professional degree (or expect to receive it by March 2020)
- (2) Those who have been conferred a degree equivalent to the master's degree or a professional degree at a graduate school of a foreign university (or expect to receive it by March 2020).
- (3) Those who have obtained, or are expected to obtain by March 2020, a degree equivalent to a master's degree or professional degree after completing correspondence courses provided in Japan by a foreign school of said country.
- (4) Those who have obtained, or are expected to obtain by March 2020, a master's degree or professional degree from foreign educational institutions in Japan offering graduate courses that conform with the educational system of the relevant country and separately designated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT).
- (5) Those who have obtained, or are expected to obtain by March 2020, a master's degree through course completion at the United Nations University as prescribed in Article 1, Paragraph 2 of the Act on Special Measures incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University (Act No. 72 of 1976), which was established under the December 11, 1972, resolution of the General Assembly of the United Nations (hereafter referred to as "United Nations University")
- (6) Those who have completed an education course at a foreign school or those who have attended the United Nations University and have passed an examination or a screening equivalent to the regulations of Article 16.2 of the Standards for the Establishment of Graduate Schools (Ordinance of the Ministry of Education, No. 28 of 1973) and are recognized to have academic qualifications equivalent to holders of a master's degree from this graduate school or who will obtain the same by March 2020.
- (7) Those who are specified by the Ministry of Education, Culture, Sports, Science and Technology (Ordinance of the Ministry of Education No. 118 of 1989)
- (8) Those who have undergone a special admissions screening and are recognized by the Tohoku University Graduate School of Medicine as having achieved an academic level equivalent to those who have a master's or professional degree, and are 24 years of age or older by March 2020.

### (EXPLANATORY REMARKS)

Before application, prospective students should first find a prospective supervisor. Find one professor in the field of your interest, contact and then obtain consent of acceptance to the laboratory.

In the case of a foreigner, please confirm the entrance qualification to the Graduate School of Medicine of Registry before submitting the application form.

A master's or professional degree mentioned in items (1), (2) above refers to a degree conferred from a graduate school in Japan.

The "Master's Degree or Professional Degree" listed in (1), (2), (3), (4), and (8) of the Qualifications for Application refers to degrees conferred by a graduate school in Japan.

Applicants who satisfy the conditions for items (8), must pass the preliminary screening for admissions.

- a. Application Period for preliminary screening

June 3 (Mon), 2019— June 17 (Mon), 2019

- b. Those who are interested in taking the preliminary screening should contact the Registrar's Office Graduate School of Medicine Academic Affairs Section before applying.

\* Refer the Tohoku University Graduate School of Medicine website "Concerning the Application for Examination of Qualifications for Admission".

<http://www.med.tohoku.ac.jp/english/admissions/admissions/apply/index.html>

### 3. APPLICATION PROCEDURE

The applicants shall prepare the documentation specified in the following Section (3) and submit it within the application period.

They shall sufficiently understand the contents of studies in the "prospective department," directly contact the prospective professors about their examination applications prior to submission of the application forms, and receive approval.

- (1) Application period is from July 16 (Tue), 2019 to July 25 (Thu), 2019 (application must reach the office due NLT 17:00(Japanese Standard Time), July 25 (Thu), 2019). Please use the prescribed application envelope and send by registered and express delivery.

Some application forms may reach the admission office on July 26 (Fri), 2019 or later. In this case, those postmarked on and before July 25 (Thu), 2019 shall be regarded as valid.

- (2) Applications should be addressed to:

Graduate Academic Affairs Section, Academic Affairs Office  
Tohoku University Graduate School of Medicine  
2-1 Seiryomachi, Aoba-ku, Sendai  
980-8575 Japan  
Tel: (+81) (0)22-717-8010

### (3) APPLICATION DOCUMENTS

DOCUMENTS	PARTICULARS
APPLICATION FORM/ RESUME	<ol style="list-style-type: none"> <li>① A Graduate School prescribed application form (with a recently taken photo affixed).</li> <li>② Contact prospective Professor and obtain consent of acceptance to the laboratory, and tick the box of 「了承を得た」</li> </ol>
ASPIRATIONS, MOTIVES, REASONS AND AMBITIONS	On a Graduate School prescribed application form (approximately 500 words long)
EXAM ADMISSION TICKET. PHOTO ID TICKET	Affix a photo to each of the prescribed application form and the photo ID ticket.
ENVELOPE FOR MAILING EXAM ADMISSION TICKET	Enclose the prescribed, return-addressed stamped envelope. The office will send the admission ticket in this envelope so it should clearly bear your name, return address and postal code.
TRANSCRIPT OF ACADEMIC RECORDS	Submit an official transcript of academic records issued by the president (dean) of your graduating university (graduate school) with the appropriate official seal. Submit both undergraduate and master level. (The graduates of Tohoku University School/Graduate School of Medicine are not required to submit certificates of Tohoku University School/Graduate school of Medicine.)
CERTIFICATE OF COMPLETION (EXPECTED COMPLETION), ETC.	Certificate of the completion (expected completion) of a master's degree or a certificate of the conferral (expected conferral) of a master's degree issued by the National Institution for Academic Degrees and University Evaluation. (The graduates of Tohoku University School/Graduate School of Medicine are not required to submit certificates of Tohoku University School/Graduate school of Medicine.)
A COPY OF RESIDENT'S CARD (ONLY STUDENT STUDYING ABROAD)	Candidates who stay in Japan (whose stay is over 90 days) must submit your copy of certificate of alien registration or resident's card (both front and back) at the application.
Master's thesis etc (each 4 • It is possible to copy it.) (Only applicant for Disability Sciences, Health Sciences Course of Nursing)	<ul style="list-style-type: none"> <li>• Research records and research achievements (Announcement thesis and list of academic conference presentation etc)</li> <li>• Copy or separate volume of announcement thesis</li> <li>• Research content summary (The format is free.A4 size about 800 characters)</li> </ul>
APPLICATION FEE, ¥30,000	<ol style="list-style-type: none"> <li>① The application fee is ¥30,000. Send it by postal remittance (do not fill in the space for the recipient).</li> <li>② Applicants who expect to complete the master's degree, doctoral degree (first two years of the doctoral program, i.e., master's program) or professional degree at Tohoku University in March 2020 are exempt.</li> <li>③ MEXT Scholarship students are not required to pay the application fee.</li> </ol>
FEE PAYMENT SLIP	<ol style="list-style-type: none"> <li>① Applicant's name should be entered on the slip (in two places).</li> <li>② Applicants who expect to complete the master's degree, doctoral degree (first two years of the doctoral program, i.e., master's program) or professional degree at Tohoku University in March 2020 are exempt.</li> <li>③ MEXT Scholarship students are not required to submit the fee payment slip.</li> </ol>
RETURN ENVELOPE FOR RECEIVING PASS/FAIL NOTICE AND ADMISSION DOCUMENTS	Enclose the prescribed, return-addressed stamped envelope for receiving the pass/fail notice. Also enclose the prescribed, return-addressed envelope for receiving admission procedure documents. The return address should be the address as of around early March, 2020. Both are returned to you through the prospective laboratory you choose.

Note: In addition to the above application-related documents items, please submit a photocopy of a score sheet from the external test of English language (TOEFL, TOEIC, etc.) as a reference if the applicant has such a score (the score does not affect the admission).

TOEFL, TOEFL iBT, TOEFL ITP and TOEIC are registered trademarks of Educational Testing Service (ETS).

### (3) IMPORTANT

- ① Incomplete form or deficiencies in the application may result in rejection of the application, so please use great care when preparing and submitting the application documentation.
- ② If any of the application documents have been falsified or otherwise fraudulently prepared, admission will be cancelled even after the applicant has been enrolled.
- ③ The application fee is not refundable under any circumstances.
- ④ Applicants who have satisfied the conditions for entry through preliminary screening should enclose a copy of their acceptance notification.
- ⑤ The University does not accept the application withdrawal after the reception and the modification of contents of applications.
- ⑥ Application documents etc. will not be returned at all under any circumstances.

## 4. SCREENING

- (1) Applicants will be selected based on a comprehensive review of the results of the entrance examination (written) and interview as well as the information given in the submitted application documents.

### (2) ENTRANCE EXAMINATION DATE/TIME & SUBJECTS

DATE	MAJOR	TYPE OF TEST	TIME	SUBJECTS
<b>August 22 (Thu), 2019</b>	Disability Sciences	Written examination	10:00 to 12:00	Language (English)
	Health Sciences Course of Nursing	Oral examination	From 13:30	Oral examination on a master's thesis etc. and interview
	Health Sciences Course of Radiological Technology Course of Medical Technology	Written examination	10:00 to 12:00	Language (English)
			13:00 to 14:30	Field of specialty
		Interview	From 15:00	

Note: Examinees are not allowed to bring their dictionaries (including electronic dictionaries and translation machines) into the classrooms while they are taking the foreign language (English) and special examinations.

## 5. EXAMINATION LOCATION

Tohoku University Graduate School of Medicine

Further information will be provided with the examination admission ticket.



## 6. ANNOUNCEMENT OF SUCCESSFUL APPLICANTS & PROCEDURE FOR ADMISSION

- (1) The identification numbers of the successful applicants will be posted at the entrance lobby of Bldg. No. 1 of the School of Medicine at 10:00 on September 5 (Thu), 2019, and also published on the website. For the results of examination, please check the "Notification" which will be mailed later. We cannot answer the examination result on the phone or via email.
- (2) Admission documents will be mailed to successful applicants around early March 2020.
- (3) Fees for admission are as follows:
  - ① Admission Fees: ¥282,000 (expected amount)
  - ② First Semester Tuition: ¥267,900 (Annual Tuition: ¥535,800) (expected amount)(Explanatory Remarks)
  1. The amounts mentioned above may change if fees are revised at school entry or during the period of the applicant's enrollment, in which case the new amount is effective at the time of change.
  2. Information on exemptions for admission or tuition fees or deferment of fees will be included in the admission procedure document packet that is sent after the announcement of successful applicants.
  3. Successful applicants who expect to complete the master's degree, doctoral degree (first two years of the doctoral program, i.e., master's program) or professional degree at Tohoku University are exempt from paying the admission fee.
- (4) Applicants who are employed at the time of admission must submit a letter of consent from their immediate superior at work during the admission procedure.
- (5) The date of registration for admission is April 1, 2020.

## 7. OTHER INFORMATION

### (1) Handling of personal information

1. Personal information collected during the application procedure is used only for the following purposes: admission-screening procedure, admission procedure as well as, after the entrance, scholarship/student welfare and study guidance. Personal information is used for no other purpose.
2. Individual information collected during the admission procedure is strictly handled, based on the “Personal Information Protection Regulations of Tohoku University.” Personal information will not be disclosed or offered to a third party without specific prior written approval.
3. Applicants to the Tohoku University Graduate School of Medicine are understood to be in agreement with the content of the statement above.

- (2) Applicants requiring special care during the examination procedures and subsequent education should request advice in advance by contacting the Graduate Academic Affairs Section. Please submit your “special care” requirement with prescribed form to Academic Affairs Section before June 17, 2019.

May 2019

### TOHOKU UNIVERSITY GRADUATE SCHOOL OF MEDICINE

Graduate Academic Affairs Section

2-1 Seiryō-machi, Aoba-ku, Sendai

980-8575 Japan

Tel: (+81) (0)22-717-8010

Email Address: [m-daigakuin@grp.tohoku.ac.jp](mailto:m-daigakuin@grp.tohoku.ac.jp)

This application information can be viewed at the following website:

<http://www.med.tohoku.ac.jp/english/admissions/admissions/apply/>

# DESCRIPTION OF GRADUATE SCHOOL PROGRAM

## 1. OBJECTIVE AND MISSION

### I Disability Sciences

The Doctoral Program of the Disability Sciences Integrated Master's and Doctoral Program aims to train human resources to acquire abilities enabling them to perform independent research activities or to be engaged in medical rehabilitation work, and to contribute to the international society.

### II Health Sciences

The Doctoral Program of the Health Sciences Integrated Master's and Doctoral Program aims to train human resources to be professionals in health and nursing sciences, and perform research activities independently as researchers/educators or play an active part in research at a clinical site, enterprise, etc. as a leader in the front lines.

## 2. COURSE OF STUDY AND DEGREE

### I Disability Sciences

To complete a course of study in the Integrated Master's and Doctoral Program (Doctoral Program), Disability Sciences at our graduate school, students must be enrolled for at least three years and attain 16 or more credits, 8 credits or more from core and 8 credits from elective subjects. Also, students will receive the necessary research guidance so that they may complete a doctoral dissertation and successfully pass the review and final examination and earn a degree. However, students who have acquired the necessary credits and been highly evaluated for their achievements by the Graduate Research Review Committee may complete the course in one or more years (for those who have completed the master's program in less than two years of attendance at the graduate school, a period of three years in total is required). Those who complete the Integrated Master's and Doctoral Program (Doctoral Program) in Disability Sciences are granted the degrees:

Disability Sciences

Doctoral degree (Disability Sciences)

### II Health Sciences

To complete a course of study in the Doctoral Program, Health Sciences at our graduate school, students must be enrolled for at least three years and attain 16 or more credits, 8 credits or more from common and 8 credits from specialized subjects. Also, students will receive the necessary research guidance so that they may complete a doctoral dissertation and successfully pass the review and final examination and earn a degree.

However, students who have acquired the necessary credits and been highly evaluated for their achievements by the Graduate Research Review Committee may complete the course in one or more years (for those who have completed the master's program in less than two years of attendance at the graduate school, a period of three years in total is required).

Those who complete the Integrated Master's and Doctoral Program (Doctoral Program) in



Health Sciences are granted the degrees:

Health Sciences	Nursing Course	Doctoral degree (Nursing)
	Radiological Course	Doctoral degree (Health Sciences)
	Medical Technology Course	Doctoral degree (Health Sciences)

### 3. RESEARCH SUPERVISION

All students who are admitted into the graduate program will be given research guidance in accordance with the research themes of the domain the students belong to.

Please refer to the Tohoku University Graduate School of Medicine.

(Explanatory Note)

Research themes indicated with “a※” have not been finalized so please contact the following for any inquiries:

[Inquiry] TOHOKU UNIVERSITY GRADUATE SCHOOL OF MEDICINE

Graduate Academic Affairs Section

2-1 Seiryō-machi, Aoba-ku,

Sendai 980-8575

Japan

Tel: (+81) (0)22-717-8010

Email Address: [m-daigakuin@grp.tohoku.ac.jp](mailto:m-daigakuin@grp.tohoku.ac.jp)

### 4. ADMISSION FEE/TUITION EXEMPTIONS

#### (1) Exemption of Admission Fee

Students recognized as being in severe financial difficulties are eligible to apply for exemption from payment of the admission fee (complete exemption or 50% exemption).

#### (2) Exemption of Tuition

Students recognized as being in severe financial difficulties are eligible to apply for tuition exemption (complete, 50%, or 1/3 exemption) if they have an excellent academic record.

\*Please refer to the Tohoku University website “The application for admission fee waiver” and “The application for tuition fee waiver”.

<http://www2.he.tohoku.ac.jp/menjo/>

## 【List of Division and Department】

### I Disability Sciences Doctoral Programs

\* When applying, contact the relevant instructor and obtain permission.

\* ※: No application invited this time.

\* For offered fields (education and research field), please refer to the Tohoku University Graduate School of Medicine website.

Division		Department	Professor	Acceptance	Note
Disability Sciences	Functional Medical Science	Medicine and Science in Sports and Exercise	Prof. NAGATOMI Ryoichi	○	
		Behavioral Medicine	Prof. FUKUDO Shin	○	
		Physical Medicine and Rehabilitation	Prof. IZUMI Shin-ichi	○	
		Epileptology	Prof. NAKASATO Nobukazu	○	
		Internal Medicine and Rehabilitation Science	Prof. KOHZUKI Masahiro	○	
		Behavioral Neurology and Cognitive Neuroscience	Prof. SUZUKI Kyoko	○	
		Music and Acoustical Medicine	Prof. ICHIE Masayoshi	※	
		Advanced Interdisciplinary Biomedical Engineering	Prof. NAKASATO Nobukazu	※	
Collaborative Chairs	Medical Sciences	Orthopaedic Surgery	Prof. ITOI Eiji	○	
		Urology	Prof. ITO Akihiro	○	
		Anesthesiology and Perioperative Medicine	Prof. YAMAUCHI Masanori	○	
		Psychiatry	Prof. TOMITA Hiroaki	○	
		Ophthalmology	Prof. NAKAZAWA Toru	○	
		Otolaryngology-Head and Neck Surgery	Prof. KATORI Yukio	○	
	Graduate School of Education	Rehabilitation Psychology	Prof. UENO Takashi	※	
Collaborative Chairs Advanced Fetal and Developmental Medicine	Miyagi Children's Hospital	Pediatric Rehabilitation Medicine	Prof. HAGINOYA Kazuhiro	○	
Collaborative Chairs Cognitive and motor dysfunction in aging	Sendai Nishitaga Hospital		Prof. TAKEDA Atsushi	○	

## II Health Sciences Doctoral Programs

\* When applying, contact the relevant instructor and obtain permission.

\* ※: No application invited this time.

\* For offered fields (education and research field), please refer to the Tohoku University Graduate School of Medicine website.

### (1) Course of Nursing

Division		Department	Professor	Acceptance	Note
Course of Nursing	Basic and Health Development Nursing Science	Science of Nursing Practice	Prof. MARUYAMA Ryoko	※	
		Nursing Administration	Prof. ASAKURA Kyoko	○	
		Gerontological and Home Healthcare Nursing	Prof. OZAKI Akiko	○	
		Nursing Science of Community Health Care System	Prof. OMORI Junko	※	
		Community Health	Prof. OMORI Junko	※	
		Public Health Nursing	Prof. OMORI Junko	○	
	Family Nursing	Adult Health Nursing	Prof. IMATANI Akira	○	
		Oncology Nursing	Prof. SATO Fumiko	※	
		Palliative Nursing	Prof. MIYASHITA Mitsunori	○	
		Child Health Nursing	Prof. SHIWAKU Hitoshi	○	
		Psychiatric Nursing	Prof. YOSHII Hatsumi	○	
		Women's Health Nursing & Midwifery	Prof. YOSHIZAWA Toyoko	○	

### (2) Course of Radiological Technology

Division		Department	Professor	Acceptance	Note
Course of Radiological Technology	Medical Information Engineering	Medical Physics	Prof. GONDA Kohsuke	○	
		Medeical Imaging and Applied Radiology	Prof. MACHIDA Yoshio	※	
		Radiological Imaging and Informatics	Prof. HOMMA Noriyasu	○	
	Clinical Radiological Science	Clinical Imaging	Prof. UEDA Takuya	○	
		Diagnostic Image Analysis	Prof. SAITO Haruo	※	
		Radiological Examination and Technology	Prof. CHIDA Koichi	○	
		Therapeutic Radiology	Prof. TAKEDA Ken	○	
International Research Institute of Disaster Science	Disaster Medical Science Division	Disaster Medical Radiology	Prof. CHIDA Koichi	○	

### (3) Course of Medical Technology

Division		Department	Professor	Acceptance	Note
Course of Medical Technology	Fundamental Medical Technology	Molecular and Functional Dynamics	Prof. HAYASHI Shin-ichi	○	
		Medical Microbiology, Mycology and Immunology	Prof. KAWAKAMI Kazuyoshi	○	
		Endocrinology and Applied Medical Science	Prof. TAKAHASHI Kazuhiro	○	
	Clinical Medical Technology	Pathology and Histotechnology	Prof. SUZUKI Takashi	○	
		Clinical Physiology	Prof. MIURA Masahito	○	
		Molecular Hematology	Prof. SHIMIZU Ritsuko	○	
		Molecular Endocrinology	Prof. SUGAWARA Akira	○	

# Endowed Departments

Students can receive research instruction from a professor of the endowed chair below.

(They cannot belong to following laboratories)

Division	Professor
Department of Electromagnetic Neurophysiology (RICOH)	Prof. NAKASATO Nobukazu
Department of Kanpo and Integrative Medicine	Prof. ISHII Tadashi Prof. TAKAYAMA Makoto
Department of Antibody Drug Development	Prof. KATO Yukinari
Innovative Cardiovascular Medicine	Prof. SAIKI Yoshikatsu Prof. SHIMOKAWA Hiroaki
Evidence-based Cardiovascular Medicine	Prof. NAKAYAMA Masaharu Prof. SHIMOKAWA Hiroaki
Advanced Preventive Medicine for Infectious Disease	Prof. YAMAYA Mutsuo
Advanced Ophthalmic Medicine	Prof. NAKAZAWA Toru
Research Division of Sciences for Aortic Disease	Prof. SAIKI Yoshikatsu
Reconstruction in Sports activity and motor function	Prof. ITOI Eiji
Preventive Psychiatry	Prof. IGARASHI Kazuhiko
Retinal Disease Control, Ophthalmology	Prof. NAKAZAWA Toru
Clinical Hypertension, Endocrinology and Metabolism	Prof. SATO Fumitoshi
Ophthalmic Imaging and Information Analytics	Prof. NAKAZAWA Toru
Advanced Respiratory Management	Prof. ICHINOSE Masakazu
General Practitioner Development	Prof. ISHII Tadashi
Institute of Development, Aging and Cancer: Research Division for Development of Anti-Infective Agents	Prof. WATANABE Akira
Institute of Development, Aging and Cancer: Division of Developmental Cognitive Neuroscience	Prof. KAWASHIMA Ryuta
Institute of Development, Aging and Cancer: Division of Geriatric Pharmacotherapy	Prof. KAWASHIMA Ryuta
Cyclotron and Radioisotope Center: Geriatric Behavioral Neurology	Prof. MEGURO Kenichi