

# APPLICATION PROCEDURES FOR INTERNATIONAL STUDENTS

MASTER'S COURSE

AUTUMN ADMISSION 2026

GRADUATE SCHOOL OF HEALTH SCIENCES

- Field of Nursing
- Field of Rehabilitation

**FUJITA HEALTH UNIVERSITY**  
**GRADUATE SCHOOL OF HEALTH SCIENCES**

**藤田医科大学大学院保健学研究科**

## 1. Field and Department

The Graduate School of Health Sciences offers opportunities for study in two fields.

Standard length of study in master's course: 2 years

Field	Department
Nursing	Adult and Gerontological Nursing Mental Health and Community Health Nursing Maternal and Child Health Nursing Fundamental and Integrated Nursing Science Acute phase and Perioperative Period Transplant Coordination
Rehabilitation	Rehabilitation Educational Sciences Activities Sciences Dysphagia Therapy Rehabilitation Biomedical Engineering Rehabilitation Functional Morphology

- Before applying, applicants must contact a prospective professor and obtain the professor's acknowledgement. Refer to the List of Major Subjects and Academic Advisors for 2026 Academic Year on later pages to see professor's researches.
- We offer both day and evening classes (18:00 - 21:10) for the convenience of working students. We also offer classes on Saturdays and summer period.

## 2. Application Qualifications

Individuals who do not hold Japanese citizenship and meet any of the criteria listed below by September 2026.

- (1) Individuals who have completed or expect to complete 16 years of education in Japan or have graduated from a 4-year university in Japan.
- (2) Individuals who have completed or expect to complete 16 years of education in a foreign country.
- (3) Individuals who demonstrate abilities comparable to or higher than those in (1) and (2).

## 3. Application Guidance Website

**<https://exam.fujita-hu.ac.jp/gswe26eg/top.html>**

- Through the above URL, it enables you to review application procedures, download mandatory document templates, and create your "My Page."
- Please save your "My Page" login information (user ID and password). This login information will be required every time you access "My Page".

## 4. Preliminary Screening

**Applicants intending to apply to our Graduate School based on qualification (2) or (3) are subject to take a preliminary screening.** After obtaining an acknowledgement of the professor at the desired departments, please submit the PDF data of required documents via email within the Preliminary Screening application period. The designated forms can be downloaded on the Application Guidance website.

Application Start	Application Deadline	Result Notification
January 13, 2026	January 16, 2026	January 23, 2026

### Mandatory Documents

- [1] Request Form for Preliminary Screening (designated form, A4 size)
- [2] Curriculum Vitae (designated form, A4 size)
- [3] Certificate or provisional certificate of degree or diploma\*<sup>1</sup>
- [4] Academic transcript\*<sup>1</sup>

\*<sup>1</sup>The date of issuance must be no earlier than April 2025.

- [5] Photocopy of the qualifications and licenses related to work history
- [6] Report on research achievements (designated form, A4 size) \*<sup>2</sup>

\*<sup>2</sup> Not required if there is no research achievements.

- If the certificates are not in English or Japanese, applicants must submit both originals and translations.
- If [3] or [4] cannot be issued, please submit a “Statement of Reasons for Inability to Issue a Certificate” prepared by the applicant’s school of origin. (any format is acceptable)
- All the necessary documents must arrive by the deadline.

### ●Sending Address for Document Submission

Submit the documents by email (PDF data) to:

**Graduate School of Health Sciences, Fujita Health University**

E-mail: [hs-jimk2@fujita-hu.ac.jp](mailto:hs-jimk2@fujita-hu.ac.jp)

### Result Announcement of Preliminary Screening

Applicants will receive the result announcement of preliminary screening via e-mail. Successful applicants are then required to proceed with the Application Procedure for Entrance Examination on next page.

## 5. Application Procedure for Entrance Examination

Applicants must complete all the application procedure for entrance examination by the deadline. Follow the instruction below.

Application Start	Application Deadline	Examination Date	Examination Result Notification
January 26, 2026	February 6, 2026	February 16, 2026	February 24, 2026

### 1) Create “My Page”

Access the Application Guidance website and click [Start Application Process](#) to create “My Page” completing online registration.

**<https://exam.fujita-hu.ac.jp/gswe26eg/top.html>**

### 2) Payment of Application Fee

Application Fee	20,000 Yen (JPY)
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- Application fee must be paid during the application period. Please note that The application fees will not be reimbursed for any reason.
- Please make a payment of application fee through international wire transfer. If you wish to use domestic wire transfer, ask us before transferring.
- Please do not remit US dollars or any other currencies. If you remit in currencies other than JPY, your application shall not be accepted.
- Note that all service charges/commission fees will be the applicant’s responsibility.
- Please make sure that the remitter’s name is the same as the applicant’s name.
- Please make sure to submit a photocopy of the certificate of remittance (or payment receipt) issued by the bank along with other application documents.
- MEXT Scholarship candidates may be exempt from remitting the application fee.

Bank Name	Sumitomo Mitsui Banking Corporation
Branch Name	Nagoya-ekimae Branch
Bank Address	4-8-18 Meieki, Nakamura-ku, Nagoya-shi, Aichi, Japan. Postal Code: 450-0002
SWIFT code	SMBCJPJT
Beneficiary A/C No.	402-626775
Beneficiary Name Beneficiary Address	FUJITA-GAKUEN 1-98 Dengakugakubo, Kutsukake-cho, Toyoake, Aichi, Japan Postal Code: 470-1192
Beneficiary Tel. Number	+81-562-93-2000
Method of payment	Advise & Pay

### 3) Document Submission

Submit application documents both by e-mail (PDF data) and by post or in person (original, paper-based).

#### Mandatory Documents

- [1] Application Confirmation Card (printed from “My Page”)
- [2] Curriculum Vitae (designated form, A4 size)
- [3] Certificate or provisional certificate of degree or diploma\*<sup>1</sup>
- [4] Academic transcript\*<sup>1</sup>
  - \*<sup>1</sup>The date of issuance must be no earlier than April 2025.
- [5] Statement of purpose (designated form, A4 size)
- [6] Research planning (designated form, A4 size)
- [7] Recommendation letter from 1 person (free form)
- [8] Photocopy of Passport (ID page)
- [9] Photocopy of the wire transfer record or payment receipt of application fee
- [10] Pre-screening sheet for accepting foreigners \*<sup>2</sup>

\*<sup>2</sup> Ask your supervisor to make the document. [FHU Security Export Control Regulations]

#### Additional Documents

- [11] Copy of the e-mail notification of the preliminary screening results\*<sup>3</sup>

\*<sup>3</sup> applicants subject to preliminary screening

- [12] Document granting permission from the current workplace\*<sup>4</sup>

\*<sup>4</sup> applicants who are working students

- An applicant whose current name does not match that on the certificate of graduation, or any other documents is required to submit an official certification of the name change.
- If the certificates are not in English or Japanese, applicants must submit both the originals and translations by an accredited translator.
- An Applicant who needs special arrangements for physical disabilities must inform us when applying.
- If any information in the application documents is found to be false, admission and/or enrollment may be revoked at any time.

#### ●Address for Document Submission

Submit the documents by email (PDF data) and by post, or in person (original paper-based) to:

#### **Graduate School of Health Sciences, Fujita Health University**

Address: 1st Floor, Fujita Health University Building #3

1-98 Dengakugakubo, Kutsukake-cho, Toyoake, Aichi 470-1192, Japan

E-mail: [hs-jimk2@fujita-hu.ac.jp](mailto:hs-jimk2@fujita-hu.ac.jp) Office Hours: 9:00–16:00 JST (weekdays)

- When shipping documents, be sure to use registered mail or an equivalent postal method. Documents that arrive after the deadline will not be accepted.

## 6. Entrance Examination

The examination will be conducted online (ZOOM). Please ensure you have stable internet connection. The time schedule and the invitation link will be announced individually.

### ● Examination Contents

1. Oral interview
2. Presentation on your research plan

The examination results will be announced by email to each applicant.

## 7. Enrollment Procedures and Payment of School Fees

Each successful applicant will receive enrollment guidance materials with the notification of acceptance via email. Once receiving the materials, please follow the guidance.

### School Fees

The enrollment and tuition fees are as follows:

Enrollment Fee	150,000 Yen (JPY)
Annual Tuition Fee	750,000 Yen (JPY)
Total	900,000 Yen (JPY)

### Payment Schedule

The fees must be paid according to the following schedule:

Fee	Payment Deadline
Enrollment Fee (150,000 Yen (JPY)) Half of Annual Tuition Fee (375,000 Yen (JPY))	March 2, 2026
Half of Annual Tuition Fee (375,000 Yen (JPY))	August 31, 2026

- As a rule, the fees will not be refunded for any reason. However, tuition fee will be refunded if an enrollment cancellation request (free format) is submitted by 17:00 on August 31, 2026. Please note that the enrollment fee is non-refundable.

### **【Tuition Fee Reduction System】**

Tuition Fee Reduction System is applicable for general students who fully engage in their own research under the supervising professor. Be sure that working students are not applicable.

If you wish to apply to the system, please submit the application form by the specific deadline. The application form will be enclosed with the admission permit.

Upon the approval of your application, the annual tuition fee of 750,000 Yen will be reduced to 550,000 Yen, which is a reduction of 200,000 Yen.

## **【Grant and Scholarship Information】**

### Fujita Academy Grant

Fujita Academy offers its own academic support "Fujita Academy Grant" for prospective international students who are experiencing financial hardship that makes it difficult to start/continue their studies despite tremendous motivation to study at Fujita Health University (FHU). Recipients do not need to repay this grant.

### Global Education and Research Grant

The instructor who is planning to accept international graduate students hires them as research assistants for their international research project and submits the application. The subsidiary amount is 50,000 yen per person per month, and the number of acceptances is 2 to 4 students each year.

### Japanese Government Scholarship

The Japanese government offers the MEXT Scholarship whether for Embassy recommendation or University Recommendation. International students who wish to apply for the scholarship should refer to the application guidelines on the MEXT website for more details.

For information on the scholarships, see the link below.

**<https://www.fujita-hu.ac.jp/~intl/forhumembers/jyoseikin/index.html>**

## **8. Personal Information Protection Policy**

- The university will take all necessary measures for the proper handling and safe management of all personal information in accordance with the Act on the Protection of Personal Information.
- Collected personal information will be used only for procedures related to the admission process.
- Collected personal information will not be disclosed or submitted to any third party without the applicant's consent except in cases where disclosure is required by law.

## **9. Contact Information for Application**

### **Graduate School of Health Sciences, Fujita Health University**

E-mail: [hs-jimk2@fujita-hu.ac.jp](mailto:hs-jimk2@fujita-hu.ac.jp)

TEL: +81-562-93-2504      Office hours: 9:00-16:00 JST

## List of Major Subjects and Academic Advisors for 2026 Academic Year

\*The major subjects and academic advisors may change as needed.

### 1) Field of Nursing

#### Department of Adult and Gerontological Nursing

Course Title	Course Aims and Research Subject
Master's Research in Adult and Gerontological Nursing  SUGAMA Junko NAKAMURA Sayuri MIURA Yuka	<p>Graduate students write a master's thesis on nursing care for adults, older patients, and families with chronic health problems by integrating with nursing practice.</p> <p>They will explore various problems related to health promotion and self-care of chronic disabilities by utilizing the theories and nursing models learned in the seminar and exercises.</p> <p>And they clarify their research topics related to nursing care for adults and older adults, conduct nursing research, and prepare a master's thesis.</p> <p><b><i>SUGAMA Junko</i></b></p> <ol style="list-style-type: none"> <li>1. Study on health issue that arise in older adults with reduced self-care ability due to aging and disease</li> <li>2. Study on a care model using technology to support older adults who continue to live in their own community</li> </ol> <p><b><i>NAKAMURA Sayuri</i></b></p> <ol style="list-style-type: none"> <li>1. Study on support for diabetic patients in adulthood</li> <li>2. Study on prevention of lifestyle-related diseases</li> <li>3. Study on the development of communication skills</li> <li>4. Study on interprofessional collaboration in health care</li> </ol> <p><b><i>MIURA Yuka</i></b></p> <ol style="list-style-type: none"> <li>1. Study on assessment and care intervention for dysphagia</li> <li>2. Study on the development and social implementation of device to support self-care for older adults</li> </ol>

#### Department of Mental Health and Community Health Nursing

Course Title	Course Aims and Research Subject
Master's Research in Mental Health and Community Health Nursing  SEKO Rumi MIYAMOTO Miho	<p>Clarify a research topic related to mental health nursing and community nursing, plan and implement research, and prepare a master's thesis. Through this process, Students develop basic skills and ability for the development of mental health and community nursing practice.</p> <p><b><i>SEKO Rumi</i></b></p> <ol style="list-style-type: none"> <li>1. Annual changes in healthy life expectancy and evaluation of regional distribution</li> <li>2. Forecast of average independence period based on long-term care insurance</li> <li>3. Smoking status of women and their families based on anonymous data from the Basic Survey on National Life</li> </ol> <p><b><i>MIYAMOTO Miho</i></b></p> <ol style="list-style-type: none"> <li>1. Study on support to elderly and family members in the community</li> <li>2. Study on care prevention for elderly adults in the community</li> <li>3. Study on public health nurses working at community general support centers</li> </ol>



## Department of Maternal and Child Health Nursing

Course Title	Course Aims and Research Subject
<p>Master's Research in Maternal and Child Health Nursing</p> <p>FUJIWARA Iku TASAKI Ayumi</p>	<p>Maternal Nursing clarifies research subjects related to nursing of subjects from puberty to menopause and their families. Proactively and systematically work on research themes and prepare a master's thesis. In the process, develop the basic ability to contribute to the development of maternal nursing.</p> <p>In Child Health Nursing, students will clarify a research theme regarding the nursing care of children and families at all levels of health, engage in independent research, and create a master's thesis. In the process, students will explore nursing care for children's growth and development and independence, nursing care that protects the best interests of children, and nursing care for families that supports children, and develop the basic skills to create and change quality child health nursing.</p> <p><b>FUJIWARA Iku</b></p> <ol style="list-style-type: none"> <li>1. Study on parental readiness and childcare in adolescence</li> <li>2. Study on menstruation in adolescence</li> <li>3. Research on recovery of body shape after childbirth</li> </ol> <p><b>TASAKI Ayumi</b></p> <ol style="list-style-type: none"> <li>1. Research on support for acquisition of self-care and transitional support for children with chronic diseases</li> <li>2. Research on nursing support and coordination for children and families who need renal replacement therapy in childhood</li> <li>3. Research on supporting children with developmental disabilities and their families</li> </ol>

## Department of Fundamental and Integrated Nursing Science

Course Title	Course Aims and Research Subject
<p>Master's Research in Fundamental and Integrated Nursing Science</p> <p>MURAYAMA Ryoko TAKEHARA Kimie MINAGAWA Atsuko KOYANAGI Hiroe</p>	<p>Students work on research projects related to nursing education, nursing administration, nursing science and engineering, and social implementation nursing, conduct research independently and systematically, and prepare a master's thesis. In the process, students develop basic skills to contribute the development of their respective fields of specialization.</p> <p>The major research topics are as follows:</p> <p><b>MURAYAMA Ryoko</b></p> <ol style="list-style-type: none"> <li>1. Research on the development of nursing technology based on nursing science and engineering, and social implementation of the developed technology</li> <li>2. Research on the development and dissemination of ultrasound visualization technology as the sixth physical assessment tool</li> </ol> <p><b>TAKEHARA Kimie</b></p> <ol style="list-style-type: none"> <li>1. Research on the development and social implementation of advanced skin care for diabetic foot ulcer prevention, insulin balls, etc. using nursing science and engineering methods</li> <li>2. Research on a series or part of the process from the creation of new nursing care by the seeds of clinical research to its widespread application for clinical field</li> <li>3. Research on the study of a seamless educational environment between basic nursing education and clinical practice</li> <li>4. Research on the working environment and education of nurses, and patient education</li> </ol> <p><b>MINAGAWA Atsuko</b></p> <ol style="list-style-type: none"> <li>1. Research on educational methods to promote understanding of technical terms</li> <li>2. Research on educational methods using simulated patients</li> </ol> <p><b>KOYANAGI Hiroe</b></p> <ol style="list-style-type: none"> <li>1. Research on the care of wounds, ostomies and incontinence (from neonatal to geriatric patients)</li> </ol>

## Department of Acute phase and Perioperative Period

Course Title	Course Aims and Research Subject
Master's Research in Acute and Perioperative Period  HAYASHI Mutsuharu SAKAI Hirotaka UENISHI Norimichi, ITO Masahiro FUNABIKI Tomohiro et al	<p>From the perspective of a team approach in medical care, we study the problems regarding perioperative care, emergency care, disaster medical care, highly advanced medical treatment (robot surgery, transplant medical care, minimally invasive surgery, auxiliary artificial heart treatment, etc.), medical care security, medical care economy, training, and, based on knowledge, the technique that each obtained in seminar, practice, training, and making announcements. In addition, we learn about how diagnoses (including the symptom), treatment, nursing, and other factors affect a study widely.</p> <p>By about late 1, we learn pharmacodynamics, the clinicopathology associated with the study, and a class associated with the clinical diagnosis.</p> <p>Through group work and group discussion, develop the ability to find solutions to problems.</p>

## Department of Transplant Coordination

Course Title	Course Aims and Research Subject
Master's Research in Recipient Transplant Coordination  ASAI Tomoko	<p>This course deals with clarification of research issues related to transplant coordination and paper writing from a clinically based perspective. Students will achieve basic skills and ability as a transplant coordinator to develop concepts and theories through this process and clinical training.</p> <p><b>ASAI Tomoko</b></p> <ol style="list-style-type: none"> <li>1. Research on decision-making support for patient and family choosing organ transplant</li> <li>2. Research on coordination at every stage of organ transplant</li> <li>3. Research on nursing interventions for self-care, adherence, patient education, and more</li> <li>4. Research on nursing interventions for living-donor transplant recipient</li> <li>5. Research on organ transplant such as allocation system or perception of medical professionals</li> </ol>
Master's Research in Donor Coordination  ASAI Tomoko	<p>This course deals with clarification of research issues related to transplant coordination and paper writing from a clinically based perspective. Students will achieve basic skills and ability as a transplant coordinator to develop concepts and theories through this process and clinical training.</p> <p><b>ASAI Tomoko</b></p> <ol style="list-style-type: none"> <li>1. Research on coordination of deceased organ/tissue donation</li> <li>2. Research on deceased donor family care</li> <li>3. Research on donation and allocation system</li> <li>4. Research on in-hospital organ/tissue donation system</li> <li>5. Research on organ transplant, including the perceptions of medical professionals and the public</li> </ol>

## List of Major Subjects and Academic Advisors for 2026 Academic Year

\*The major subjects and academic advisors may change as needed.

### 2) Field of Rehabilitation

Department of Rehabilitation Educational Sciences

Course Title	Course Aims and Research Subject
<p>Master's Research in Rehabilitation Educational Science</p> <p>KANADA Yoshikiyo SAKURAI Hiroaki KOYAMA Soichiro</p>	<p>The students research the knowledge, skills, and attitudes necessary for educating therapists from the perspective of EBM (Evidence-Based Medicine) and pursue science.</p> <p><b>KANADA Yoshikiyo</b></p> <ol style="list-style-type: none"> <li>1. Studies on the prediction of the outcome of therapist education.</li> <li>2. Studies on the standardization of therapists' treatment techniques.</li> <li>3. Studies on the guidance of clinical training for therapists.</li> </ol> <p><b>SAKURAI Hiroaki</b></p> <ol style="list-style-type: none"> <li>1. Development of clinical skills and OSCE (Objective Structured Clinical Examination) for physical and occupational therapists.</li> <li>2. Studies on the development of methods to evaluate clinical skills in physical and occupational therapist education for students and novice therapists.</li> <li>3. Studies on the standardization of clinical techniques used by clinical practice leaders (physical and occupational therapists) to educate students and novice therapists (Development of clinical practice leadership training courses).</li> <li>4. Studies on the usefulness of OSCE (objective structured clinical examination), PBL (problem-based learning), and TBL (team-based learning) in physical and occupational therapist education for students and novice therapists.</li> </ol> <p><b>KOYAMA Soichiro</b></p> <ol style="list-style-type: none"> <li>1. Studies on continuing education for physical therapists and occupational therapists</li> <li>2. Studies on electrophysical agents (electricity, ultrasound, shock wave, vibration, etc.)</li> <li>3. Studies on the rehabilitation robot and ICT in clinical application</li> <li>4. Studies on the clinical utilization of medical data in cancer or neurological disorders</li> <li>5. Studies on feedback, motivation, attention, and memory to enhance motor learning</li> <li>6. Studies on physical activity and exercise routine for mental and physical health</li> </ol>

Course Title	Course Aims and Research Subject
<p>Master's Research in Activity Science</p> <p>TERANIASHI Toshio SUZUKI Megumi OHTSUKA Kei</p>	<p>Clinically oriented research on physical therapy and occupational therapy for activity disorders will be conducted regardless of whether it is basic or clinical research.</p> <p>In other words, physical and occupational therapy will be examined from the neurophysiological and neuropsychological aspects of conventional treatment methods based on kinesiology, neuropsychology, electrophysiology, prosthetics and orthotics.</p> <p>In addition to physical and psychological factors, people should be understood together with the environmental factors surrounding them, and it is important that a comprehensive approach be taken to their activities.</p> <p>In the field of activity sciences, we will develop biometrics, treatment techniques, orthotics, and welfare support devices, and will discuss and decide on themes that can widely contribute to clinical medicine for future generations.</p> <p>While discussing with their supervisors as needed, students advance their research and present their findings at conferences and in academic papers, and write their master's thesis.</p> <p><b><i>TERANISHI Toshio</i></b></p> <ol style="list-style-type: none"> <li>1. Study on therapeutic intervention and consequences of physical therapy.</li> <li>2. Development of fall risk assessment tools and management method in hospital.</li> <li>3. Development of clinical-oriented motion analysis method.</li> <li>4. Study on treadmill gait analysis and motion analysis.</li> <li>5. Development of walking practice method.</li> <li>6. Study on orthosis treatment for paralytic disease.</li> </ol> <p><b><i>SUZUKI Megumi</i></b></p> <ol style="list-style-type: none"> <li>1. Research about subjective and objective QOL of persons with cognitive dysfunction</li> <li>2. Research about the evaluation and training of persons with cognitive dysfunction or dementia patients</li> <li>3. Research about social participation of persons with cognitive dysfunction</li> </ol> <p><b><i>OHTSUKA Kei</i></b></p> <ol style="list-style-type: none"> <li>1. Development and clinical application of clinical-oriented gait analysis system using a three-dimensional motion analysis system.</li> <li>2. Development and clinical application of clinical-oriented gait analysis system using wearable sensors.</li> <li>3. Studies on the gait analysis in stroke patients with hemiparesis.</li> <li>4. Development of the balance evaluation methods in stroke patients with hemiparesis.</li> <li>5. Studies on the gait analysis in patients with hip osteoarthritis.</li> <li>6. Quantitative analysis of knowledge of results in walking.</li> </ol>

## Department of Dysphagia Therapy

Course Title	Course Aims and Research Subject
<p>Master's Research in Dysphagia Therapy</p> <p>INAMOTO Yoko ONOGI Keiko</p>	<p>In this course, to determine the theme of thesis, current problems in dysphagia rehabilitation will be discussed based on the classes of dysphagia therapeutics and graduate seminar of dysphagia therapeutic. Theme includes a wide range of field from basic physiology (anatomy, physiology) to clinical research (exercise, outcome). Students may choose the topic according to the necessity from clinical and research views and their interests. Students will read through all the related manuscripts of their theme, make a research plan, implement a research, and then complete a thesis. Students will be encouraged to submit the manuscript to the related journals. They may use the published journal as a thesis.</p> <p><b><i>INAMOTO Yoko</i></b></p> <ol style="list-style-type: none"> <li>1. Kinematic analysis of swallowing maneuvers</li> <li>2. Analysis of the effect of tongue muscle strengthening on the swallowing kinematics</li> <li>3. Development of exercise for strengthening pharyngeal contraction during swallowing</li> <li>4. Kinematic analysis of hyolaryngeal movement during swallowing</li> </ol> <p><b><i>ONOGI Keiko</i></b></p> <ol style="list-style-type: none"> <li>1. Development of severity scale for oral phase of swallowing</li> <li>2. Investigation of swallowing outcome by dysphagia rehabilitation</li> <li>3. Invention of severity scale for VFSS and FEES</li> </ol>

## Department of Rehabilitation Biomedical Engineering

Course Title	Course Aims and Research Subject
<p>Master's Research in Rehabilitation Biomedical Engineering</p> <p>TANABE Shigeo TAKEDA Kotaro UEHARA Shintaro</p>	<p>The research theme will be a fundamental and/or clinical research related to neurophysiology, kinesiology, measurement engineering, and development of therapeutic and assistive devices. Specifically, students will conduct fundamental research on healthy subjects and/or clinical research on patients regarding limb and posture control, therapeutic motor learning, clinical evaluation methods, and rehabilitation robots.</p> <p>Students will be encouraged to give a presentation of their study at conferences and publish a scientific paper in journals.</p> <p><b><i>TANABE Shigeo</i></b></p> <ol style="list-style-type: none"> <li>1. Studies on the development of activity assistive devices.</li> <li>2. Studies on the evaluation methods in sensory-motor system.</li> <li>3. Studies on the exercise methods in sensory-motor system.</li> </ol> <p><b><i>TAKEDA Kotaro</i></b></p> <ol style="list-style-type: none"> <li>1. Studies on the objective clinical evaluation.</li> <li>2. Studies on the predicting prognosis.</li> <li>3. Studies on the measurement and evaluation of brain and motor functions.</li> <li>4. Development of the measurement and intervention devices</li> </ol> <p><b><i>UEHARA Shintaro</i></b></p> <ol style="list-style-type: none"> <li>1. Neuro/electrophysiological mechanisms underlying human motor control and learning.</li> <li>2. Training strategies for modulating human motor control and learning.</li> <li>3. Mechanisms of motor dysfunction and neuro/electrophysiological pathways of functional recovery.</li> <li>4. Development of novel assessment method and evidence-based interventions for motor dysfunction.</li> </ol>

## Department of Rehabilitation Functional Morphology

Course Title	Course Aims and Research Subject
<p>Master's Research in Rehabilitation Functional Morphology</p> <p>YAMADA Kouji NISHII Kazuhiro</p>	<p>Explain the functional analysis not to remain in form and structure observation about problems, determination of prognosis occurring in a treatment process undergoing rehabilitation in a clinic based on bones, ligament, tendon, the articular knowledge and theory that macroscopic, are histologic including muscle.</p> <p>It is macroscopic as a method of analysis and wears a histological observation method and, using immunohistochemistry, biochemical and molecular analytical technique, makes clear that it is in the form of tissue, cells of the locomotor system about a function. Also, we perform it in the neurologic analysis similarly. In addition, we explain neuropsychological methods to understand motor control.</p> <p>We clarify a research theme of each person and give an explanation that we make the substantial master's thesis that demonstrated the supposition about the tissue of various locomotor systems, many problems about cells.</p> <p><b>YAMADA Kouji</b></p> <ol style="list-style-type: none"> <li>1. We wear an immunohistologic method, genetic technique, a biochemical technique, and understand bones, a muscular physiologic mechanism and lecture by the process of study, utilization of the literature, the evaluation method of results.</li> <li>2. Of the bone morphometric enforcement and parameter calculate it, and understand a way of the histologic bone analysis, and determine it.</li> <li>3. We learn knowledge and a technique to analyze the bones by the exercise test for the having many kinds and a muscular morphological change and a change of the onset of protein and deepen, and does a research theme of the self and determines it.</li> <li>4. Using model mice, we will analyze the effects of exercise on the central nervous system by behavioral analysis and brain tissue image analysis, and investigate the causes that cause them.</li> <li>5. To understand the motor control strategies in patients with motor impairments, we objectively measure body awareness involved in human motor control by using neuropsychological methods.</li> <li>6. To determine the neural basis of body-specific attention involved in human motor control by using electroencephalography (EEG).</li> <li>7. We explore ways to solve each clinical problem from a functional anatomical perspective by objectively measuring joint motion and muscle contraction.</li> </ol> <p><b>NISHII Kazuhiro</b></p> <ol style="list-style-type: none"> <li>1. We explain the experimental drafting method using the animal, a basic technique.</li> <li>2. We determine the distribution of the serotonin neuron in the spinal nerve using histologic technique.</li> <li>3. We understand a change of the locomotorium after the spinal cord injury in the model animal and we analyze it about a mechanism of the neurotization and determine it.</li> </ol>