

For entrants in FY 2021

Appended Form 1

Specifications for Major Program

Name of School (Program) [School of Medicine, Program of Health Sciences,
Physical Therapy Course]

Program name	(Japanese)	理学療法学プログラム
	(English)	Program for Physical Therapy
1. Degree to be obtained: Bachelor of Health Science		
2. Overview		
<p>The education program provided in Physical Therapy Course in the Program of Health Sciences aims to enable students to foster the rich humanity and intelligence required of practitioners of physical therapy who are capable of actively working in variety of domestic and international fields related to health care, medical service, welfare, and so on. Students are expected to acquire fundamental knowledge, skills, and attitudes as experts, and to become physical therapists who have scientific intelligence and creativity. This program attaches a great deal of importance to the development of professionals who are able to work for others and contribute to society through their knowledge and skills in physical therapy. Students are expected to acquire all of the items listed below related to fundamental knowledge, skills, attitude, and practice, by the time of graduation.</p>		
3. Diploma policy (policy for awarding degrees and goal of the program)		
<p>The Physical Therapy Program educates students to allow them to acquire the fundamental knowledge, skills, and attitude required of experts in physical therapy, and to become people of talent who are capable of exercising their scientific intelligence and creativity.</p> <p>Based on the aim above, this program will award the degree of bachelor of health sciences to students who have acquired the capabilities described below, and earned the 146 credits that are required for the educational course.</p> <p>Targets to be achieved in program:</p> <p>(1) Students are expected to be able to build a foundation as physical therapists based on their understanding of the basic medicines that constitute the basis of physical therapy;</p> <p>(2) Based on this foundation, students are expected to be able to understand symptoms and patients as the subjects of physical therapy;</p> <p>(3) Students are expected to be able to autonomously identify, explore, and solve problems using their knowledge;</p> <p>(4) Students are expected to acquire the abilities and skills required for physical therapists in order to practically solve problems using their knowledge;</p> <p>(5) Students are expected to be able to give patient-oriented physical therapy, while taking safety and ethics into consideration; and</p> <p>(6) Students are expected to be reliable in establishing good relationships with patients, doctors, and</p>		

medical staff.

4. Curriculum policy (policy for arranging and implementing the curriculum)

To enable students to achieve the targets that have been defined for the Physical Therapy Program, the educational courses are organized and implemented according to the policies described below. The achievement in education is evaluated based on grade scores for the subjects and the level of achievement against the target defined for the educational program.

- In the first year, students study liberal arts subjects to develop their intelligence and basic academic skills, and take the subjects "Anatomy", "Physiology", "Developmental Disorders in Childhood", and "Principles of Rehabilitation", which are provided as specialized fundamental subjects, and "Physical Therapy Concept" and "Physical Agents", which is provided as a specialized subject, in order to foster the basic attitude for identifying and solving problems from the perspective of physical therapy.
- In the second year, subjects that constitute the academic background and foundation of physical therapy are provided. Students mainly study subjects including "Practice of Anatomy", "Practice of Physiology", "Kinesiology", "Internal medicine", "Orthopaedics", "Psychiatry", and "Neurology", which are the required subjects to acquire the fundamental knowledge, skills, and attitudes in the specialized area.
- In the third year, mainly specialized subjects such as "Clinical Kinesiology", "Functional Assessment of Physical Therapy", "Physical Therapy for Motor Disorders", "Physical Therapy for Central Nervous System Disorders", "Prosthetics & Orthotics", "Active Daily Living", and "Ethics & Management" are provided to enable students to acquire the fundamental knowledge, skills, and attitude regarding the collection, evaluation, and reporting of information, and evidence-based treatment, required in physical therapy. In addition to this, short-term clinical practices are provided twice in the year to allow students to gain further understanding of the relationship between academic knowledge and actual clinical practice, and to learn approaches to more specific problems.
- In the fourth year, it is planned to provide long-term clinical practices. Based on the knowledge, skills, and attitude that students have learned up to the end of the third year, students engage in actual practice of the processes of physical therapy, under the instruction of an instructor, in order to integrate their knowledge, skills, and attitude into actual clinical practice. In addition to this, students acquire judgment in relation to safety and bioethics, and the skills and attitude required to work as part of a medical team. Through such experiences, students are expected to enhance their personal qualities and the awareness required of an expert in physical therapy who is engaged in the fields of health care, medical service, and welfare. Furthermore, students are expected to acquire the ability to understand and organize problems related to professional areas, and to solve these problems through activities such as examination, analysis, and experimentation through their graduation research. They also study the purpose and significance of physical therapy as an academic subject.

5. Start time and acceptance conditions

Students are allocated to the Physical Therapy Program in the first year. Students are expected to have mastered the subjects in high school listed below. If a student has not mastered any of these subjects, he/she is required to take the fundamental subject(s) listed below:

Subject name: Fundamental Mathematics for Health Sciences, Foundation Physics for Life Science,

and Foundation Biology for Life Science

Requirements when a student of Hiroshima University chooses this program are separately stipulated based on the provisions regarding transfer between schools/departments.

The capacity (upper limit) for this program is 35 students.

6. Obtainable qualification: Qualification for the national examination for physical therapists

7. Class subjects and their contents

(1) Name of class subjects (lists subject names for each component of the program)

[Specialized fundamental subjects]

A Structure and Functionality of the Human Body and Development

- (1) Anatomy I
- (2) Anatomy II
- (3) Practice of Anatomy I
- (4) Practice of Anatomy II
- (5) Physiology I
- (6) Physiology II
- (7) Practice of Physiology
- (8) Fundamental Kinesiology
- (9) Practice of Kinesiology
- (10) Developmental Disorders in Childhood

B Cause of illness and pathology

- (1) Introduction to Rehabilitation Science
- (2) Pathology
- (3) Internal Medicine I
- (4) Internal Medicine II
- (5) General Orthopedics for Rehabilitation
- (6) Particular Orthopedics for Rehabilitation
- (7) Neurology
- (8) Psychiatry for Rehabilitation – Generalities
- (9) Psychiatry for Rehabilitation – Particulars
- (10) Nutrition
- (11) Clinical Pharmacology

C Concept of Health Care Welfare and Rehabilitation

- (1) Principles of Rehabilitation
- (2) Social Welfare
- (3) Interprofessional Education

D English communication skills

- (1) English for Health Sciences
- (2) Introduction to Epidemiology and Population Sciences
- (3) Global Health and Current Public Health Issues

E Ability in statistical analysis

- (1) Statistics for Health Sciences

F Basic research capabilities

- (1) Undergraduate Research Opportunities Program I
- (2) Undergraduate Research Opportunities Program II
- (3) Undergraduate Research Opportunities Program III
- (4) Undergraduate Research Opportunities Program IV
- (5) Undergraduate Research Opportunities Program V

【Specialized subjects】

A Basic Physical Therapy

- (1) Physical Therapy Concept
- (2) Basic Physical Therapy
- (3) Clinical Kinesiology

B Physical Therapy Management

- (1) Emergency Medicine & Risk Management
- (2) Ethics & Management

C Physical Therapy Evaluation

- (1) Functional Assessment of Physical Therapy
- (2) Special Practice for Functional Diagnosis (Palpation)
- (3) Medical Diagnosis in Rehabilitation Medicine
- (4) Functional Assessment of Physical Therapy (Practice)

D Physical Therapy Treatment

- (1) Physical Therapy for Motor Disorders
- (2) Practice in Physical Therapy for Motor Disorders
- (3) Neuro and Physical Development
- (4) Physical Therapy for Central Nervous System Disorders
- (5) Seminar of Physical Therapy for Central Nervous System Disorders
- (6) Rehabilitation for Internal Disorders
- (7) Practice in Rehabilitation for Internal Disorders
- (8) Physical Agents
- (9) Physical Agents Practicum

- (10) Prosthetics & Orthotics
- (11) Practice in Prosthetics & Orthotics
- (12) Sports Medicine
- (13) Sport Physical Therapy I
- (14) Sport Physical Therapy II
- (15) Practice in Sport Physical Therapy
- (16) Conditioning Method for Athletes
- (17) Basic Theory of Athletic Training (practice)

E Community-based Physical Therapy

- (1) Community-based Physiotherapy
- (2) Activities of Daily Living
- (3) Practice of Activities of Daily Living

F Clinical Practice

- (1) Clinical Practice I
- (2) Clinical Practice II
- (3) Clinical Practice III

G Comprehensive Physical Therapy Research

- (1) Physical Therapy Research
- (2) Graduation Research

* For class subjects, refer to the subject table in Attachment 1.

*For the details of the class subjects, refer to the syllabus that is published for each academic year.

8. Study achievement

The evaluation criteria are specified for each evaluation item for academic achievement, and the achievement level against the criteria is designated at the end of each semester.

The evaluation score for each evaluation item is converted to a numerical value (S = 4, A = 3, B = 2, and C = 1) and the evaluation standard for academic achievement, from when the student entered the university to the end of the last semester, is determined using these values while applying weightings.

The evaluation standards consist of three levels, i.e. Excellent, Very Good, and Good.

Study achievement	Evaluation standard
Excellent	3.00 - 4.00
Very Good	2.00 - 2.99
Good	1.00 - 1.99

Achievement evaluation	Numerical conversion
S (Excellent: 90 or more points)	4
A (Very good: 80 - 89 points)	3
B (Good: 70 - 79 points)	2
C (Passed: 60 - 69 points)	1

Study methods are described in the attached document "Education and Study Methods in the Program" for each subject.

○ Knowledge and understanding

1. Knowledge and understanding related to liberal arts
2. Knowledge and understanding related to basic medicine, cause of illness, and pathology
3. Knowledge and understanding related to rehabilitative medicine and physical therapy

○ Abilities and skills

1. Development of knowledge and understanding related to basic medicine
2. Development of knowledge and understanding related to rehabilitative medicine and physical therapy

○ Comprehensive abilities

1. Judgment regarding bioethics
2. Abilities and attitude required to work as a member of a medical/research team
3. Research ability and personal development ability

* Refer to the relationship between evaluation items and evaluation criteria described in Attachment 2

* Refer to the relationship between evaluation items and class subjects described in Attachment 3.

Refer to the curriculum map in Attachment 4.

9. Graduation thesis (graduation research) (meaning, student allocation, timing, evaluation criteria, etc.)

○ Purpose

To enable students to acquire the ability to solve problems in issues related to physical therapy in the areas of health care, medicine, and welfare, based on a scientific perspective and attitude, in order to try to improve their capabilities for the whole their lives.

○ Overview

① Attitude required for research activities

Students are expected to understand the basic philosophy and attitude required for joining in research activities in the future.

② Studying research activities

Students are expected to experience a series of research processes to achieve the aim of the research, and acquire the basic knowledge, skills, and attitude required for research activities, in order to become capable of performing research by themselves in the future.

③ Developing intellectual curiosity

Students are expected to experience pleasure in research activities that consists of the joy of invention and discovery in their own research.

○ Student allocation timing and method

Students are allocated to a laboratory in the third year. The allocation method is defined separately.

○ Evaluation criteria

The result of graduation research is evaluated according to the evaluation criteria described below, and students are required to present their results at a presentation assembly for their specialized area, in a manner appropriate for an academic presentation, and to answer any questions logically and clearly.

1. The student demonstrates that he/she has acquired the fundamental knowledge required of a bachelor's graduate who will go on to work in any professional area, and the basic skills for identifying and solving problems.

2. The topic that the student chose is appropriate for the thesis of a bachelor's degree, and the student specifically demonstrated his/her understanding of the topic in the thesis.

3. Descriptions in the thesis (main body, figures, tables, citations, etc.) are appropriate, and the conclusions reached are logical and rational.

Appropriate methods for investigation, experimentation, and demonstration have been adopted for the chosen topic, and the topic has been analyzed and examined according to those methods.

10. Responsibility

Responsibility for PDCA (plan, do, check, and act) cycle

For the Physical Therapy Program, the evaluation committee (engaged in evaluation, review, and improvement of staff in relation to the curriculum and contents of classes, etc.) and education affairs committee (engaged in evaluation and action for students based on the level of target achievement, etc.) are established and the PDCA cycle is conducted through cooperation by all members of faculty who are engaged in the program, while the director of the Physical Therapy Course takes the leading role and has overall responsibility. engaged in the Program while the director of Physical Therapy Course is taking the leading role and responsibility.

Professional training subject study standard list

Program for Physical Therapy

Type	Subject Type		Required No. of credits	Class Subjects		No. of credits	Type of course	Year in which the subject is taken												
								1st grade		2nd grade		3rd grade		4th grade						
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall					
Liberal Arts Education Subjects	Peace Science Courses		2			2	registrati elective /required			○										
	Introduction to University Education		2	Introduction to University Education		2	required	○												
	Introductory Seminar for First-Year Students		2	Introductory Seminar for First-Year Students		2	required	○												
	Area Courses		2	Ethics		2	required	○												
			6	1 or more subjects from Courses in Arts and Humanities/Social Sciences 2 or more subjects from Courses in Natural Sciences		1or2	elective/ required	○	○											
	Common Subjects	Foreign Language Subjects	English(Note 2)	2	Basic English Usage I		1	required	○											
				2	Basic English Usage II		1			○										
			2	Communication I		1	required	○												
			2	Communication II		1			○											
			Initial Foreign Languages(Select one language from German, French, Chinese)	(0)	2	Basic Foreign Language I		1	free elective	○										
		2			Basic Foreign Language II		1			○										
		2			Basic Foreign Language III		1				○									
		2			Basic Foreign Language IV		1					○								
		Information and Data sciences Subjects (Note3)		2	Introduction to Information and Data Sciences		2	required	○											
				2	Ground zero programming		2	elective/re quired		○										
	2			Fundamental Data Science		2				○										
	Health & Sports Subjects		2	Health & Sports Subjects		2	required	○												
	Social Cooperation Subjects		(0)			2	free elective	○	○											
	Basic Subjects		4	2	Psychology for Medical Care Workers (Note 4)		2	required		○										
				2	Statistics		2				○									
			0	Foundation physics for life science		2	(Note5)	○												
			0	Foundation biology for life science		2	(Note5)	○												
			0	Basic mathematics for Health Science		2	(Note5)	○												
Total	Total of Required & Elective/Required subjects		30																	
	Total of Free Elective		8	(Note 6)																
	Total Liberal Arts Education Subjects		38																	

- Note 1 : The semester indicated with a circle mark represents that in which students typically take the subject. If they have failed to earn the credit in the semester, it is allowed to take the subject after the semester. It is required to confirm the semester in which the subject is provided in the class schedule for liberal arts education subjects that is published for every academic year, because some subjects might be provided in another semester than that which is indicated in this document.
- Note2 : The credit for "Field Research in the English-speaking World" that is earned through such activities as a short-term study abroad, and that for "Online English Seminar A" and "Online English Seminar B" that is earned through self-study, are accepted as the credit for English required for graduation (6 credits). Only one credit for each subject is accepted (it is not allowed to earn the credit for the same subject two or more times). Achievement in a foreign language skill test and language training might be accepted as a credit. For the details, refer to the description regarding English subjects in liberal arts education in the Student Handbook.
- Note3 : Only when failing to earn the credit for "Introduction to Information and Data Sciences," the credit for the subject "Ground zero programming" or "Fundamental Data Science" is accepted as that for the disciplinary subjects required for graduation (2 credits).
- Note4 : Only when failing to earn the credit for "Psychology for Medical Care Workers," the credit for the subject "Introduction to Psychology A" or "Introduction to Psychology B" is accepted as that for the disciplinary subjects required for graduation (2 credits).
- Note5 : The students designated by the Program of Health Sciences must take the subject "Foundation physics for life science," "Foundation biology for life science," and/or "Fundamental Mathematics for Health Sciences." The credits for these subjects are not accepted as the required credits for graduation.
- Note6 : For free elective subjects, it is required to earn 8 or more credits in Area Courses, basic foreign language subjects, information subjects, and society-related subjects, as well as fundamental subjects that are not specified in the required subject table, in addition to the required credits.

Professional training subject study standard list

Program for Physical Therapy

○Number is Required Subject

Type	Subject type	Required No. of credits	Class Subjects	No. of credits	Type of course registration	Year in which the subject is taken									
						1st grade		2nd grade		3rd grade		4th grade			
						Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall		
Specialized Education Subjects	Specialized basic subject	41	Developmental Disorders in Childhood	2	required	②									
			Anatomy I	2	required		②								
			Anatomy II	2	required			①							
			Practice of Anatomy I	1	required				①						
			Practice of Anatomy II	1	required	②									
			Physiology I	2	required		②								
			Physiology II	2	required			①							
			Practice of Physiology	1	required			②							
			Fundamental Kinesiology	2	required				①						
			Practice of Kinesiology	1	required	①									
			Introduction to Rehabilitation Science	1	required			②							
			Pathology	2	required		①								
			Internal Medicine I	2	required				②						
			Internal Medicine II	2	required								①		
			General Orthopedics for Rehabilitation	2	required			②							
			Particular Orthopedics for Rehabilitation	2	required				②						
			Neurology	2	required				②						
			Psychiatry for Rehabilitation – Generalities	2	required					②					
			Psychiatry for Rehabilitation – Particulars	2	required					②					
			Nutrition	2	required					②					
							2				②				
			Clinical Pharmacology	2					②						
			Principles of Rehabilitation	1	required				②						
			Social Welfare	2	required			②							
			Interprofessional Education	1	required						2				
			English for Health Sciences	1	elective				1						
			Statistics for Health Sciences	2	elective					2					
			Introduction to Epidemiology and Population Sciences	2	elective						2				
			Global Health and Current Public Health Issues	2	elective		1								
			Undergraduate Research Opportunities Program I	1	30				1						
			Undergraduate Research Opportunities Program II	1	8					1					
			Undergraduate Research Opportunities Program III	1	elective						1				
			Undergraduate Research Opportunities Program IV	1	elective							1			
			Undergraduate Research Opportunities Program V	1	elective	②									
			Physical Therapy Concept	2	required	②									
			Basic Physical Therapy	2	required				②						
			Clinical Kinesiology	2	required						②				
			Emergency Medicine & Risk Management	1	required					④					
			Ethics & Management	1	required							①			
			Special Practice for Functional Diagnosis (Palpation)	2	required				②						
			Functional Assessment of Physical Therapy	2	required					②					
	Functional Assessment of Physical Therapy (Practice)	1	required						④						
	Medical Diagnosis in Rehabilitation Medicine	1	required							①					
	Physical Therapy for Motor Disorders	2	required					②							
	Practice in Physical Therapy for Motor Disorders	1	required							①					
	Neuro and Physical Development	2	required					②							
	Physical Therapy for Central Nervous System Disorders	2	required					②							
	Seminar of Physical Therapy for Central Nervous System Disorders	1	required							①					
	Rehabilitation for Internal Disorders	2	required							②					
	Practice in Rehabilitation for Internal Disorders	1	required								①				
	Physical Agents	2	required		②										
	Physical Agents Practicum	1	required				①								
	Prosthetics & Orthotics	2	required					②							
	Practice in Prosthetics & Orthotics	1	required					①							
	Sports Medicine	1	required							①					
	Sport Physical Therapy I	1	required							①					
	Sport Physical Therapy II	1	required							①					
	Practice in Sport Physical Therapy	1	required								①				
	Physical Therapy Research	2	required								②				
	Graduation Research	4	required										④		
	Community-based Physiotherapy	2	required								②				
	Activities of Daily Living	2	required							②					
	Practice of Activities of Daily Living	1	required								①				
	Clinical Practice I	2	required				②								
	Clinical Practice II	5	required								⑤				
	Clinical Practice III	14	required									⑭			
	Conditioning Method for Athletes	1	elective							1					
Basic Theory of Athletic Training (practice)	1	elective							1						
Specialized basic subjects			The number of the establishment units required : 41		elective : 12										
Specialized subjects			The number of the establishment units required : 67		elective : 2										
Professional training subject total				110											
The number of the graduation requirements units				146											

Note 1:To take the subject "Clinical affiliation," it is required to earn the credits for subjects "Functional Assessment of Physical Therapy" and "Functional Assessment of Physical Therapy(Practice)"

Note 2:It might not be allowed to take an exercise and practice subject when the student has not earned the credit(s) required for the subject.

Note 3:To take the subject "Integrated Clinical Affiliation," it is required to earn all the other required credits for Specialized basic subject and Specialized basic subject.

Academic achievements of Program for Physical Therapy

Relationships between the evaluation items and evaluation criteria

Result of the learning		Evaluation standard		
End-point		Excellent	Very Good	Good
Knowledge and understanding	(1) Knowledge, understanding about the basic education	I perform an examination based on arrival target of the applicable physiotherapy educational program in each course. I connect it with other items and can give an application-like explanation about each course.	I perform an examination based on arrival target of the applicable physiotherapy educational program in each course. I connect it with other items and can explain each course.	I perform an examination based on arrival target of the applicable physiotherapy educational program in each course. I can give a basic explanation about each course.
	(2) Knowledge, understanding about the basic medicine, knowledge, understanding about the etiology condition of a patient			
	(3) Knowledge, understanding about rehabilitation medicine, physiotherapy studies			
Ability and skills	(1) Development of knowledge, the understanding about the basic medicine	In a lecture to be carried out in each course, 1. I perform an examination based on arrival target of the applicable physiotherapy educational program. I connect it with other items and can give an application-like explanation about each course.	In a lecture to be carried out in each course, 1. I perform an examination based on arrival target of the applicable physiotherapy educational program. I connect it with other items and can explain each course.	In a lecture to be carried out in each course, 1. I perform an examination based on arrival target of the applicable physiotherapy educational program. I can give a basic explanation about each course.
	(2) Development of knowledge, the understanding about rehabilitation medicine, physiotherapy studies	In practice, training to be carried out in each course, 1. I understand a purpose of practice, the training and can consider a result to be provided logically and can make a report. Furthermore, I can consider it for the expected result and form a new hypothesis and can give explanation. 2. When question for the training was performed, I can answer at an answer rate of more than 90%.	In practice, training to be carried out in each course, 1. I understand a purpose of practice, the training and can consider a result to be provided logically and can make a report. Furthermore, I can consider it for the expected result. 2. When question for the training was performed, I can answer at an answer rate of more than 80%.	In practice, training to be carried out in each course, 1. I understand a purpose of practice, the training and can consider a result to be provided logically and can make a report.
Comprehensive Abilities	(1) Judgement for life, the ethic	In a place and the study enforcement of the bedside teaching, I understand life, an ethic and really use these judgments appropriately.	In a place and the study enforcement of the bedside teaching, I understand life, an ethic and understand what kind of situation these judgement can be really used under.	I understand arrival target about this.
	(2) Ability and manner to collaborate as a member of the medical team, study team	1. I understand other medical staff, role allotment with the study staff and can take the manner that is good for a medical team, a member of the study team positively. 2. For achievement of problem, I understand the opinion of others and can take the manner that is good for a member of the teams proactively by oneself.	1. I understand other medical staff, role allotment with the study staff and can take an attitude deserving to be a medical team, a member of the study team. 2. For achievement of problem, I understand the opinion of others and can take an attitude deserving to be a member of the teams.	1. As the member of a medical team, the study team can take an attitude. 2. For achievement of problem, understand the opinion of others, and do not disturb an opinion and the action of others as a member of the teams; can take an attitude.
	(3) Ability for study and self-education power	1. I understand study contents and can wrestle for the achievement positively. 2. I advance by oneself and can solve problems.	1. I understand study contents and can wrestle for the achievement positively. 2. I can make an effort to advance by oneself, and to solve problems.	1. I understand study contents and, for the achievement, can take the action according to instructions.

Positioning of the culture education in the main specialty program

In this Program, students study liberal arts subjects in the first year with other students in the other schools in Higashi Senda and Higashi Hiroshima Campuses in order to develop themselves into flexible and creative people who will autonomously continue to study for their whole lives and acquire deep humanity and a wide-ranging intelligence, as well as the fundamental knowledge and skills required to work as a physical therapists in the areas of health care, medicine, and welfare.

Faculty member list

name	Position	tel	Laboratory name	mail
Yukio Urabe	Professor	5405	Sports Rehabilitation	yurabe@hiroshima-u.ac.jp
Hironobu Hamada	Professor	5420	Physical Analysis & Therapeutic Sciences	hirohamada@hiroshima-u.ac.jp
Louis Yuge	Professor	5425	Bio-Environmental Adaptation Sciences	ryuge@hiroshima-u.ac.jp
Susumu Urakawa	Professor	5430	Musculoskeletal Functional research and regeneration	urakawas@hiroshima-u.ac.jp
Makoto Takahashi	Professor	5415	Biomechanics	mako2@hiroshima-u.ac.jp
Kiyokazu Sekikawa	Associate professor	5426	Physical Analysis & Therapeutic Sciences	sekikawa@hiroshima-u.ac.jp
Noriaki Maeda	Lecturer	5410	Sports Rehabilitation	norimmi@hiroshima-u.ac.jp
Naoto Fujita	Lecturer	5423	Musculoskeletal Functional research and regeneration	fujitan@hiroshima-u.ac.jp
Tomoyuki Kurose	Assistant Professor	5412	Anatomy and Histology	kurose@hiroshima-u.ac.jp
Kei Nakagawa	Assistant Professor	5406	Bio-Environmental Adaptation Sciences	keinakag@hiroshima-u.ac.jp
Takashi Otsuka	Assistant Professor	5406	Bio-Environmental Adaptation Sciences	tohtsuka@hiroshima-u.ac.jp
Yoshitaka Iwamoto	Assistant Professor	5417	Biomechanics	iwamo10@hiroshima-u.ac.jp