Overseas Selection for International Students
(Global Interdisciplinary Science Course)

Application Guidelines for Enrollment in October 2022

Graduate School of

Interdisciplinary Science and Engineering in Health Systems

(Master's Course)

OKAYAMA UNIVERSITY

Policies for Graduate Education: Admissions, Curriculum, and Diploma

Please refer to the following website about the Policies for Graduate Education.

Admission Policy
https://www.int.gisehs.okayama-u.ac.jp/admission/policy/admission-policy/
Curriculum Policy
https://www.int.gisehs.okayama-u.ac.jp/admission/policy/curriculum-policy/
Diploma Policy
https://www.int.gisehs.okayama-u.ac.jp/admission/policy/diploma-policy/

I. Admission Quota

Course	Quota
Medical Bioengineering Course	A Few
Medical Devices and Materials Engineering Course	
Healthcare Science and Human Care Innovation Course	

II. Eligibility for Application

A person who meets all of the following provisions.

1. Those to whom any of the following items are applicable, or are expected to be applicable by September 2022.
   (1) graduated from a Japanese university;
   (2) been awarded a bachelor's degree under the provisions of Paragraph 7 of Article 104 of the Japanese School of Education Law (Law No. 26 of 1947);
   (3) completed a 16-year course of school education in a foreign country;
   (4) completed a 16-year course of school education in a foreign country by taking class subjects in Japan through a correspondence course offered by an educational institution in that country;
   (5) have reached the age of 22 and been deemed to have academic ability equivalent to that of a university graduate through an individual admission eligibility screening by our graduate school;
   (6) been awarded a degree equivalent to a bachelor's degree by completing a course of study at a foreign university or other foreign school. The course of study must have a duration of three years or more (including the completion of a course in Japanese through the completion of class subjects in correspondence courses offered by a school in a foreign country and the completion of a course at an educational facility designated in the school education system of the foreign country as specified in the preceding item). Only those schools that have been evaluated by a person certified by the relevant foreign government or relevant organization for the overall status of its education and research activities, etc., or those that are separately designated by the Minister of Education, Culture, Sports, Science and Technology are considered.
2. Those who are foreign citizens who live outside Japan and who are unable to come to Japan to take their entrance examinations (except citizens and permanent residents of Japan).
3. Those who are expected to obtain Student Visa status as stipulated in the Immigration Control and Refugee Recognition Act by the time of enrollment in the Graduate School.
4. Those who were recommended by the schools from which they graduated as being particularly suited in both

personality and academic ability.

Note 1. Those specified in II-1(5) refer to applicants who passed the document screening that our graduate school provides as the screening of the eligibility for application. (See III)
Note 2. Admission will be withdrawn for those who applied as prospective degree holders but failed to be awarded the degree by September 2022.
Note 3. Those specified in II-2 include people who were staying in Japan at the time of application but departed from Japan because the duration of their stay expired by the end of June 2022.

III. Individual Admission Eligibility Screening in Eligibility for Application

For applicants who are over 22 years of age as specified in II-1(5). Eligibility for Application, individual admission eligibility screenings are conducted for the approval of admission eligibility before application. The applicants must submit the documents required for the admission eligibility screening specified in III-2 to the address in IV-3 by the deadline (III-1).

1. Document Submission Period for Admission Eligibility Screening

May 25, 2022 to May 26, 2022

2. Documents Required for Admission Eligibility Screening

Documents Required	Remarks
(1) Form of Eligibility for Application	Use the forms prescribed by our graduate school.
(2) Research Achievement or Research Plan/ Progress Report	Submit a list of research achievements or a research plan/ progress report relevant to the field of study that you wish to pursue at our graduate school, summarizing in a document in any form.
(3) Academic Transcript of last completed education	Submit an original transcript issued by the president of the last school from which you graduated.
(4) Graduation Certificate of last completed education	Submit an original graduation certificate issued by the president of the last school from which you graduated.

Note 1. All documents mentioned above must be prepared in English, in principle. (When English is not your native language, attach English translations.)
Note 2. Document (1) mentioned above should be submitted using the forms prescribed by our graduate school, in principle. However, using any forms containing the necessary matters other than the prescribed forms may be allowed only when our graduate school permits.
Note 3. The result of the Admission Eligibility Screening will be notified through your prospective supervisor.
Date of notification of screening result: **June 23, 2022**

IV Application Procedures

1. How to Apply

Applicants must complete all the procedures described in items (1) through (3):

(1) Before preparing documents for application, applicants must contact a prospective supervisor at our graduate school directly—preferably by e-mail. They must consult about research and education after enrollment, obtain approval to take the examination, and receive a copy of the “Letter of Informal Acceptance by Prospective Supervisor.” With regard to prospective supervisors at our graduate school,

please visit our website: https://www.int.gisehs.okayama-u.ac.jp/staff/

(2) Pay the entrance examination fee after obtaining approval from the prospective supervisor. (Except those exempted from payment.)

(3) Send all the required documents for application by mail to arrive no later than the date stated in IV-2.

2. Application Period

June 23, 2022 to July 6, 2022

3. Address for Submission of Documents

Graduate School Section
Academic Affairs Division
Graduate School of Interdisciplinary Science and Engineering in Health Systems
Okayama University
3-1-1, Tsushima-naka, Kita-ku, Okayama 700-8530, Japan

4. Notes on Application

(1) No change shall be permitted after submission in terms of the contents of the documents submitted.

(2) No document shall be returned for any reason after the application documents are accepted.

(3) Application with incomplete application documents or shortage of examination fee shall not be accepted.

(4) Please note carefully that admission might be withdrawn even after enrollment if the contents of the submitted documents are found to include false entries.

(5) Certificates issued under the former name, which differs from the name written on the application form, are useful. However, in such case, attach a document (in any form) with the date of name change and the new and the former name, which are written personally by the applicant.

5. Documents Required for Application

Documents Required for Application	Remarks
(1) Application for Admission and Curriculum Vitae (CV)	Use the forms prescribed by our graduate school. Affix a photograph (4 cm long × 3 cm wide, upper body, no headwear, facing forward, taken within the three months before application) on the prescribed space on the "Application for Admission." Before affixing it, write your nationality, name, and the name of major desired on the back of the photograph.
(2) Entrance Examination Fee	30,000 yen (Handling fees will be charged separately) Please refer to "Paying for Entrance Examination Fees" below and pay the entrance examination fee by 17:00 (Japan time) on the last day of the application period on "Payment for Entrance Examination Fee website." In addition, please be sure to choose "Credit Card" for payment method. Other payment methods cannot be used from overseas. After confirming the payment of the entrance examination fee, print "Certificate of Entrance Examination Fee Payment" and attach it to the prescribed section of the prescribed form. Paying for Entrance Examination Fees https://www.gisehs.okayama-u.ac.jp/wp_root/wp-content/uploads/2021/02/Paying-for-Entrance-Fees.pdf Payment for Entrance Examination Fee website https://e-apply.jp/n/okayama-payment-eng If you could not pay by the payment method above, contact the Graduate School Section, Academic Affairs Division, Graduate School of Interdisciplinary Science and Engineering in Health Systems. Refund of Entrance Examination Fee The entrance examination fee paid is not refundable for any reason, except in the following cases: a) Entrance examination fee was paid, but application was not made (application documents were not submitted or not accepted.) b) Entrance examination fee was accidentally transferred twice. 30,000 yen (Handling fees will be charged separately) Please refer to "Paying for Entrance Examination Fees" below and pay the entrance examination fee by 17:00 (Japan time) on the last day of the application period on "Payment for Entrance Examination Fee website."

	In addition, please be sure to choose “Credit Card” for payment method. Other payment methods cannot be used from overseas. After confirming the payment of the entrance examination fee, print “Certificate of Entrance Examination Fee Payment” and attach it to the prescribed section of the prescribed form. Paying for Entrance Examination Fees https://www.gisehs.okayama-u.ac.jp/wp_root/wp-content/uploads/2021/02/Paying-for-Entrance-Fees.pdf Payment for Entrance Examination Fee website https://e-apply.jp/n/okayama-payment-eng If you could not pay by the payment method above, contact the Graduate School Section, Academic Affairs Division, Graduate School of Natural Sciences. Refund of Entrance Examination Fee The entrance examination fee paid is not refundable for any reason, except in the following cases: a) Entrance examination fee was paid, but application was not made (application documents were not submitted or not accepted.) b) Entrance examination fee was accidentally transferred twice. Note: Applicants who are Japanese-government sponsored, need not pay the entrance examination fee.
(3) (Prospective) Graduation Certificate from University (4) Transcript of University	Submit an original certificate issued by the university from which you graduated (or will graduate).
(5) Submission of Research	a) Abstract of bachelor’s thesis or an equivalent research paper (in English) b) If you cannot submit a bachelor’s thesis, Research Achievement or Research Plan/Progress Report: Submit a list of research achievements or a research plan/progress report relevant to the field of study that you wish to pursue at our graduate school, summarizing the document in any form. (In English) c) A list of research achievements after earning the bachelor’s degree and one or two representative papers related to them (if applicable).
(6) Research Plan Document	【Only for Healthcare Science and Human Care Innovation Course】 Use the forms prescribed by our graduate school.
(7) Certification of English Language Ability (TOEIC®, TOEFL-iBT®, etc.)	If you have not taken the TOEIC®, TOEFL-iBT®, or other proficiency tests, please submit a certificate of English ability issued by the school from which you graduated. Applicants for admission to the six areas of Human Care Innovation (p.10) must have a minimum English proficiency of C1 in CEFR.

(8) Copy of Passport, Copy of Family Registry, or Certificate of Citizenship in Home Country	Submit a copy of the page that confirms the names of the passport and the date of birth, etc. If you do not possess a passport, please submit the certificate showing a copy of the family register or citizen membership, etc. in your home country.
(9) (Two kinds of) Letters of Recommendation Addressed to the President	Use the forms prescribed by our graduate school. Please check the description on each form of the person who prepared the letter of recommendation.
(10) Letter of Acceptance by Your Prospective Supervisor	Use the form prescribed by our graduate school and submit a copy of the letter written by your prospective supervisor at our graduate school.

Note 1. All submitted documents must be prepared in the same size paper (preferably A4 size) and must be typewritten.

Note 2. Documents that are incomplete or inaccurate or that are received after the deadline for submission will not be accepted.

Note 3. Documents (1), (3), (4), (6), and (9) must be submitted in the original. For documents (3) and (4), a copy of the original document verified by the issuer is acceptable.

All required documents except Document (10) **must be prepared in English**. (IF English is not your native language, please attach English translations.)

6. Use of Personal Information

Application documents and all personal information submitted will be used for affairs related to the selection of entrants.

However, entrants' personal information, including the name, gender, date of birth, current address, and schools graduated from, are also used as registry data for basic student information in the academic affairs system at Okayama University.

In addition, successful applicants' personal information, examinee number, and name are used by the clerical systems for tuition fee debt management and tuition fee waivers at Okayama University.

When applications for admission fee waivers, postponement of admission fee collection, tuition fee waivers, or various scholarships are made, the applicant's entrance examination results and academic transcript might be used to handle academic ability judgment related to affairs such as postponement of admission fee collection.

V. Method for Admission Selection

Admission will be determined by document screening.

VI. Announcement of Successful Applicants

Letters of acceptance will be sent to the successful applicants, dated on the day the announcement is made: **July 29, 2022**

VII. Admission Procedures

1. Your supervisor will provide the admission details separately in a letter of acceptance.
2. Period of Admission Procedures

The period of admission procedures is between **September 16, 2022 and September 20, 2022.**

VIII. Others

1. Admission Fee and Tuition Fee (Applicable only for self-supporting international students. Japanese-government-sponsored students need not pay.)

Admission fee: 282,000 yen (expected amount)

Tuition fee: 267,900 yen (for half a year); 535,800 yen (for a year)

※ If the amount is revised while the applicant is in the process of applying, the new amount will be charged.

2. Study Assistance

For self-supporting international students, systems are available as part of study assistance: admission fee waivers, postponement of admission fee collection, tuition fee waivers, and various scholarships.

If your academic achievement, income, etc., meet the requirements, you may apply for the admission fee waiver, postponement of admission fee collection, and full or half tuition fee waivers.

When your academic achievement, income, etc. meet the requirements, you may apply for various scholarships and receive other scholarship benefits.

3. Notes

It is recommended that international students have sufficient knowledge of the climate, weather, and customs of Japan as well as the situation of the university in advance For everyday life, you will need Japanese language skills. Candidates will find studying the Japanese language to be advantageous.

Okayama University has a Japanese language course for international students. Please take the course if you like.

4. Security Export Control System

Okayama University has established the “Security Export Control Regulations of Okayama University” under the Security Export Control System based on the Foreign Exchange and Foreign Trade Act (FEFTA). Strict screening is conducted when accepting foreign students.

If you are subjected to this regulation or FEFTA, you may not be accepted or your desired research activities may be restricted.

For details concerning the Security Export Control System in Japan, please refer to the following website.
https://www.meti.go.jp/policy/anpo/englishpage.html

5. For more application details, please contact the following offices by e-mail.

(1) Inquiry about application, major field, and supervisor, etc.:

Graduate School Section
Academic Affairs Division
Graduate School of Interdisciplinary Science and Engineering in Health Systems
Okayama University
3-1-1, Tsushima-naka, Kita-ku, Okayama 700-8530, Japan
E-mail: hs7771@adm.okayama-u.ac.jp

(2) Inquiry about scholarship, dormitory, etc.:

International Affairs Department
Okayama University
2-1-1, Tsushima-naka Kita-ku, Okayama 700-8530, Japan
E-mail: housing@cc.okayama-u.ac.jp (Dormitory)
istudent@cc.okayama-u.ac.jp (Scholarship)

Global Science Course Guide to the Graduate School of Interdisciplinary Science and Engineering in Health Systems

Course	Education and Research Field
Medical Bioengineering Course	Design of Biofunctional Molecules
	Single Molecule Biology
	Applied Cell Biology
	Biomaterials Engineering
	Biomolecular Engineering
	Organelle Systems Biotechnology
	Medical Protein Engineering
	Molecular Cell Engineering
Medical Devices and Materials Engineering Section Course	Human Centric Information Processing
	Information Network Technologies for Medical Engineering
	Advanced Electro Measurement Technology
	Interface Systems
	Cognitive Neuroscience
Healthcare Science and Human Care Innovation Course	Health System Management
	Nursing science
	Biomedical Informatics
	Radiological Health Science
	Regenerative and Reconstructive Medicine (Ophthalmology)
	Pharmaceutical Biomedicine
	Japanese Culture
	Religious Culture
	Medical Law
	History of Science and Technology
	Clinical Thanatology
	Social Innovation

Major Guide to the Graduate School of Interdisciplinary Science and Engineering in Health Systems
Master's Course, Interdisciplinary Science and Engineering in Health Systems Program,
Interdisciplinary Science and Engineering in Health Systems Major

Section	Education and Research Field	Content of Education and Research Field	Affiliated teachers
Medical Bioengineering	Design of Biofunctional Molecules	Interdisciplinary research aimed at the application of artificial bio-function regulatory molecules that are designed based on functional analysis of bio-functional molecules, including nucleic acid binding protein and enzymes, and aiming at application of the obtained knowledge for medical care and agriculture	SERA Takashi, Professor MORI Tomoaki, Senior Assistant Prof. MORI Koichi, Assistant Prof.
	Single Molecule Biology	Functional analysis of protein and elucidation of the molecular mechanism, and the application of those results to medical care and environmental science	IDE Toru, Professor HIRANO Minako, Associate Prof. HAYAKAWA Tohru, Assistant Prof.
	Applied Cell Biology	Intracellular signal transduction research and drug development	TOKUMITSU Hiroshi, Professor MAGARI Masaki, Assistant Prof. △OHTSUKA Satomi, Assistant Prof.
	Biomaterials Engineering	Research into the design and application of biomedical materials in which the inorganic material-based structure is precisely controlled	HAYAKAWA Satoshi, Professor YOSHIOKA Tomohiko, Associate Prof. △KATAOKA Takuya, Assistant Prof.
	Biomolecular Engineering	Research into biotechnology and life science, mainly emphasizing the function of RNA, based on design of novel bio-functional molecules	OHTSUKI Takashi, Professor WATANABE Kazunori, Assistant Prof.
	Organelle Systems Biotechnology	Research into elucidating mechanisms and applications of intracellular organelle biogenesis and material transport control	SATOH Ayano, Associate Prof.
	Medical Protein Engineering	Research into the development of effective methods for production and analysis of proteins and applications to the field of medical engineering	FUTAMI Junichiro, Professor △OKADA Nobuhiro, Assistant Prof.
	Molecular Cell Engineering	Research into analysis and application of molecular functions in immune cells	KANAYAMA Naoki, Associate Prof.
Medical Devices and Materials Engineering Section	Human Centric Information Processing	Analysis and modeling of human audiovisual information processing and behaviors based on signal processing, probability statistics theory, and machine learning, as well as research on their application to services	ABE Masanobu, Professor AIDA Toshiaki, Senior Assistant Prof. △ HARA Sunao, Assistant Prof.
	Information Network Technologies for Medical Engineering	Methods for functional analysis and evaluation, as well as for their further reliability enhancement and further sophistication, of computer networks and communication protocols, and their application to medical use	YOKOHIRA Tokumi, Professor △TARUTANI Yuya, Assistant Prof.
	Advanced Electro Measurement Technology	Research into various measuring techniques, systematization, and signal processing design using sensor devices that are important in biomedical fields	KIWA Toshihiko, Professor SAKAI Kenji, Associate Prof. △ WANG Jin, Assistant Prof.
	Interface Systems	Education and research on human machine interfaces and robot technologies that cooperate with people and which support human activities, and their application to medical and nursing care systems	☆GOFUKU Akio, Professor KAMEGAWA Tetsushi, Associate Prof.
	Cognitive Neuroscience	Education and research related to the elucidation of human cognitive neurological functions using cognitive psychology and neuro-imaging techniques, and their application to medical care and welfare	☆WU Jinglong, Professor TAKAHASHI Satoshi, Associate Prof. YANG Jiajia, Assistant Prof.

Note 1: You cannot choose a teacher with a △ mark as your supervisor.

Note 2: If you want to choose a teacher with a ☆ mark, please inquire in advance at the office in charge.

Section	Education and Research Field	Content of Education and Research Field	Affiliated teachers
Healthcare Sciences	Health System Management	Research on the construction of theories for building organizations, formulating strategies, and motivating human resources while effectively using and allocating finite human resources and funds in the clinical practice of medicine and the development of new therapeutic methods.	WATANABE Toyohiko, Professor
	Nursing science	Education and research on support intervention and nursing techniques for medical accident prevention in fundamental nursing education; also, research on social support for home caregivers	HARADA Nahoko, Professor
	Biomedical Informatics	Education and research on technologies for accurate measurement and processing of biological information and methods for analysis and evaluation, and for furthering their use in society based on the obtained information and databases	MORITA Mizuki, Professor
	Radiological Health Science	Research into the development and application of physical measurement and evaluation technologies for radiation in the field of medical care; also, research related to predictive simulations for subjects such as therapeutic and side effects to living bodies	OITA Masataka, Associate Prof.
	Regenerative and Reconstructive Medicine (Ophthalmology)	Development and evaluation of equipment through medicine--engineering collaboration, clinical research related to vision, and research elucidating the role of vision in society and medical care	MATSUO Toshihiko, Professor
	Pharmaceutical Biomedicine	Analytical research elucidating the biological reactions of blood vessels and fibrous tissues based on knowledge of diseases in using medicines with nanotechnology for actual disease treatment, or epidemiological analytical research based on medical data	KANO Mitsunobu, Professor
Human Care Innovation	Japanese Culture	Research specifically examining eastern Asian and Japanese views of old age and those of life and death rooted in sites of medical and nursing care	MOTOMURA Masafumi, Professor
	Religious Culture	Philosophical and religious research on human being, focusing on the notions of life/death and of body/soul.	HAKAMADA Rei, Senior Assistant Prof.
	Medical Law	Education and research oriented to fostering persons who can offer solutions after grasping and analyzing legal issues arising at medical sites from both medical practice and medical systems	☆ YAMASHITA Noboru, Professor
	History of Science and Technology	Research elucidating the relation between the development of scientific technology involved in nursing care and the issues of aging, and how the relation should be	YOSHIBA Yasuyuki, Professor
	Clinical Thanatology	Clinical thanatological research investigating issues related to life and death in medical and nursing care sites and how the theory and specific method for solving the problems should be	HIKASA Haruka, Senior Assistant Prof.
	Social Innovation	Education and research elucidating the development and application of technological and social innovation for various issues in medical and nursing care sites	FUJII Daiji, Professor

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