

Admissions in October 2023

Admissions in April 2024

**Fukushima University Graduate School of
Symbiotic Systems Science and Technology
(Master's Program)**

- ◇ Major in Symbiotic Systems Science and Technology
- ◇ Major in Environmental Radioactivity

Application Guide



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Fukushima Pref., 960-1296
Phone: 81-24-548-8064
<https://www.fukushima-u.ac.jp/>

Fukushima University
Smartphone-friendly
Website



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The Master's Program of Fukushima University Graduate School of Symbiotic Systems Science and Technology consists of two Majors in Symbiotic Systems Science and Technology and in Environmental Radioactivity. The Major in Symbiotic Systems Science and Technology consists of four courses (Mathematics and Information Systems Course, Physics and Mechatronics Course, Material and Energy Science Course, and Life and Environmental Sciences Course), and the Major in Environmental Radioactivity consists of the Environmental Radioactivity Course. Please refer to our website for more details of majors or courses.

< Graduate School of Symbiotic Systems Science and Technology >
<https://www.sss.fukushima-u.ac.jp/en?lang=en>

Application Guide for Fukushima University Graduate School of Symbiotic Systems Science and Technology (Master's Program)

1-1. Admission Policy (Student Acceptance Policy) for the Major in Symbiotic Systems Science and Technology (Master's Program)

○ Educational Objectives and the Qualities Sought in Prospective Students

Global warming due to greenhouse gases, depletion of fossil resources, and environmental degradation in connection with economic development have become global problems. It is crucial to develop new technologies that can enable us to save energy and resources, which would realize economic growth while maintaining symbiosis with nature. In Japan, society is aging rapidly, and advanced support systems are required in the care and medical fields. Also, considering the decline in the working population, innovation in industrial structure is required.

To resolve such problems, we need human resources who have a global view, multifaceted perspectives, the ability to think in a new framework of "symbiotic systems science" and correspond thereto, and not be restricted by the existing framework of scientific technology.

The Major in Symbiotic Systems Science and Technology will select suitable human resources who have the will to construct new systems sciences for symbiosis among human beings, industry, and environment; and have a strong desire to pursue problem resolution actively.

In this Major, there are four courses of specialization that develop professional knowledge, expertise and skills, the ability to use practical knowledge and solve problems, and the attitude to understand phenomena from multifaceted perspectives through the following research. We seek students who are interested in any of these courses, and who think that the course of their choice is suitable for them.

[Mathematics and Information Systems Course]

Research in mathematics, information science, and management systems engineering, as well as mathematics and information systems fields based thereon

[Physics and Mechatronics Course]

Research in physics, mechanical engineering, electric and electronics engineering, and control engineering, as well as physics and mechatronics fields based thereon

[Material and Energy Science Course]

Research in chemistry, material engineering, chemical engineering, energy engineering, and material and energy science fields based thereon.

[Life and Environmental Sciences Course]

Research in biology, psychology, earth science, meteorology, hydrology, and life and environment fields based thereon.

○ Knowledge, Skills, and Will sought in Applicants

To develop professionals with practical ability to contribute to the region in the new academic framework of symbiotic systems science, we seek students or working persons who have the following knowledge, skills, and will to conduct studies and write a thesis in the subject groups mentioned in the curriculum policy.

- Basic knowledge acquired at the undergraduate programs of science and technology universities.
- Flexible thinking, the ability to comprehension, application, and expression
- Enthusiasm to resolve the problems of modern society in cooperation with a variety of people with independent attitudes toward study and research.

○ Basic Policy for Admission Selection

Selection shall be based on a comprehensive evaluation of oral presentation, oral exam, and application documents, categorizing General Exam, Working Person Special Exam, International Students Special Exam, and Recommendation-based Exam (for students of advanced courses of technical colleges). In the oral presentation, applicants shall be asked to explain their graduation research during their undergraduate studies and their research after admission. Oral exam shall focus on basic and specialized matters related to the oral presentation and its content. Through the oral presentation and exam, the applicants shall be comprehensively evaluated on their knowledge, skills, and motivation, as well as on their ideal student as described above.

1-2. Admission Policy (Student Acceptance Policy) for the Major in Environmental Radioactivity (Master's Program)

○ Educational Objectives and the Qualities Sought in Prospective Students

Radionuclides present in the environment may change their forms and state due to atmospheric and water circulation and activities of humans and other organisms, and migrate widely in the environment. The factors that influence such change can vary significantly from the physicochemical properties of radionuclides to meteorological conditions, nature and properties of soils, physio-ecological processes of plants and animals, and so on. Studies on environmental radioactivity, therefore, require interdisciplinary knowledge drawn from a wide range of sciences, including ecology, biology, geoscience, mathematical modeling, chemistry, physics, mechanical engineering, and electrical engineering, as well as a holistic perspective and approach.

Human beings have experienced environmental releases of anthropogenic radionuclides due to atmospheric nuclear tests and accidents, but there are still many unresolved aspects of their effects. Another recent issue related to radiation is the need to control naturally occurring radioactive materials (NORMs) released during the extraction and processing of minor metals and other natural resources, which are indispensable materials for the development of advanced industrial products.

With these issues in the background, the Major in Environmental Radioactivity will select suitable human resources who have the will to 1) elucidate the environmental behavior of natural and anthropogenic radionuclides, 2) become able to perform the measurement, monitoring design, control, prediction, and evaluation in a comprehensive manner from a medium- to long-term perspective, and 3) endeavor to solve challenges such as environmental protection, prediction and evaluation, environmental remediation, decommissioning, interim storage, decontamination, etc. Selection will be based on an overall assessment of various skills, including flexible thinking and analytical and observational skills.

This Major offers the Environmental Radioactivity Course, which aims to cultivate professional knowledge, expertise, and skills, the ability to apply practical knowledge and solve problems, and the attitude to understand phenomena from multifaceted perspectives through the following research. We seek students who are interested in any of these fields, and who think that the field of their choice is suitable for them.

[Environmental Radioactivity Course]

- Field of Biology - Research in ecology and biology, as well as radioecology fields based thereon
- Field of Modeling - Research in geoscience and computer modeling, as well as radiation modeling fields based thereon
- Field of Measurement - Research in chemistry, physics, mechanical engineering, and electrical engineering, as well as radiation measurement fields based thereon

○ Knowledge, Skills, and Will sought in Applicants

To develop professionals with practical ability to contribute to the region in the new academic framework of environmental radioactivity science, we seek students or working persons who have the following knowledge, skills, and will to conduct studies and write a thesis in the subject groups mentioned in the curriculum policy.

- Basic knowledge acquired at the undergraduate programs of science and technology universities.
- Flexible thinking, the ability to comprehension, application, and expression
- Enthusiasm to resolve the problems of modern society in cooperation with a variety of people with independent attitudes toward study and research.

○ Basic Policy for Admission Selection

Selection shall be based on a comprehensive evaluation of oral presentation, oral exam, and application documents, categorizing General Exam, Working Person Special Exam, International Students Special Exam, and Recommendation-based Exam (for students of advanced courses of technical colleges). In the oral presentation, applicants shall be asked to explain their graduation research during their undergraduate studies and their research after admission. The oral exam shall focus on basic and specialized matters related to the oral presentation and its content. Through the oral presentation and exam, the applicants shall be comprehensively evaluated on their knowledge, skills, and motivation, as well as on their ideal student as described above.

2. Number of Students to be Admitted

October Admission

General Entrance Exam, Working Person Special Exam, International Students Special Exam

Major	Course	Number of Students to be Admitted
		Admission in October 2023
Major in Symbiotic Systems Science and Technology	Mathematics and Information Systems	A few places available
	Physics and Mechatronics	
	Material and Energy Science	
	Life and Environmental Sciences	
Major in Environmental Radioactivity	Environmental Radioactivity	A few places available

April Admissions

General Entrance Exam, Working Person Special Exam, International Students Special Exam

Major	Course	Number of Students to be Admitted	
			Admission in April 2024
Major in Symbiotic Systems Science and Technology	Mathematics and Information Systems	I ^o round	40
	Physics and Mechatronics		
	Material and Energy Science		
	Life and Environmental Sciences		
	Mathematics and Information Systems	II ^o round	A few places available
	Physics and Mechatronics		
	Material and Energy Science		
	Life and Environmental Sciences		
Major in Environmental Radioactivity	Environmental Radioactivity	I ^o round	5
		II ^o round	A few places available

April Admission Recommendation-based Exam (for students of advanced courses of technical colleges)

Major	Course	Number of Students to be Admitted	
			Admissions in April 2024
Major in Symbiotic Systems Science and Technology	Mathematics and Information Systems	I ^o round	A few places available
	Physics and Mechatronics		
	Material and Energy Science		
	Life and Environmental Sciences		
	Mathematics and Information Systems	II ^o round	A few places available
	Physics and Mechatronics		
	Material and Energy Science		
	Life and Environmental Sciences		
Major in Environmental Radioactivity	Environmental Radioactivity	I ^o round	A few places available
		II ^o round	A few places available

*The number of students to be admitted is the total number of students admitted through General Exams, Working Person Special Exams, International Students Special Exams and Recommendation – Based Exam

*For the recommendation-based exam, no applications for October admission will be available (for the students from the advance course of a technical college).

*Major in Symbiotic Systems Science and technology does not set to the maximum number of students per course.

*The above number of students is subject to change. Before applying, be sure to check the latest information on the "Entrance Exam Information" on the website of the University. (<https://nyushi.adb.fukushima-u.ac.jp/> (Available only in Japanese))

3. Application Qualification

(1) General Exam

A person falling under either of the items 1) through 11) below, and also took the TOEIC or TOEIC-IP exams during the period from two (2) years before the date of entrance exam to the time of application, or plans to take them before the entrance exam, qualifies for the General Exam.

- 1) A person who has graduated from University, or is expected to graduate from University by the end of the month prior to the month of desired enrollment.
- 2) A person who was conferred a Bachelor's degree under the School Education Act, Article 104, paragraph 7, or is expected to be conferred by the end of the month prior to the month of desired enrollment.
- 3) A person who has completed a course of sixteen (16) years of school education in foreign countries, or is expected to complete it by the end of the month prior to the month of desired enrollment.
- 4) A person who has completed a course of sixteen (16) years of school education in foreign countries by taking class subjects from correspondence courses offered by foreign schools in Japan, or is expected to complete it by the end of the month prior to the month of desired enrollment.
- 5) A person who has completed a university course at an educational institution located in Japan that is recognized by the educational system of a foreign country (only limited to courses whose students, upon graduation, are recognized as having completed sixteen (16) years of school education in the foreign country) and is separately designated by the Minister of Education, Culture, Sports, Science and Technology, or is expected to complete it by the end of the month prior to the month of desired enrollment.
- 6) A person who was conferred a degree equivalent to a Bachelor's degree by completing a course with required completion years of three (3) years or more at a foreign university or any other foreign school (only limited to those whose comprehensive status of education and research activities are evaluated by the foreign government or a person who was certified by a related agency, or those that are separately designated by the Minister of Education, Culture, Sports, Science and Technology as being similar thereto) (including completion of the course by taking class subjects in a correspondence course offered by foreign schools in Japan and completion of the course at educational institutions recognized in the school education system of the foreign country, which is designated under the School Education Act, Enforcement Regulations, Article 155, paragraph 1, item 4), or who is expected to be conferred such a degree by the end of the month prior to the month of desired enrollment.
- 7) A person who has completed a post-secondary course of a specialized training college (only limited to those requiring more than four (4) years for completion and satisfying the standards determined by the Minister of Education, Culture, Sports, Science and Technology), which are separately designated by the Minister of Education, Culture, Sports, Science and Technology, after the date designated by the Minister of Education, Culture, Sports, Science and Technology, or is expected to complete it by the end of the month prior to the month of desired enrollment.
- 8) A person who was designated by the Minister of Education, Culture, Sports, Science and Technology under the Notification of Ministry of Education No. 5 of 1953.
- 9) A person who has completed fifteen (15) years at school in a foreign country or fifteen (15) years at school in a foreign country by taking the class subjects in a correspondence course offered by international schools in Japan, and who is recognized by the School of Symbiotic Systems Science and Technology as having acquired the required credits through excellent performance.
- 10) A person who has completed a university course at an educational institution located in Japan that is recognized by the educational system of a foreign country as offering an international university course (only limited to courses whose students, upon graduation, are recognized as having completed fifteen (15) years of school education in the foreign country) and is separately designated by the Minister of Education, Culture, Sports, Science and Technology, and who is recognized by the School of Symbiotic Systems Science and Technology as having acquired the required credits through excellent performance.
- 11) A person who is recognized by the School of Symbiotic Systems Science and Technology as having the academic ability the same as or superior to that of a person who has graduated from a university, as a result of an individual enrollment qualification assessment and reached the age of 22 by the end of the month prior to the month of desired enrollment.

(Note)

- a. A person qualifying under item 11) above is a person who is not eligible under items 1) through 10) above (for example, a graduate of junior college, technical college, specialized training college, or miscellaneous school), who is recognized by the Graduate School of Symbiotic Systems Science and Technology as having the academic ability the same as or superior to that of a person who has graduated from a university, as a result of an individual enrollment qualification assessment.

- b. A person who intends to apply under the application qualification items 9), 10), or 11) must take an individual enrollment qualification assessment and enter the necessary matters in the Application Form prescribed by the University and submit by the date and time designated by the University before the application for the entrance exam, with the required documents. For details and the necessary documents for application, inquire with the Admissions Office of the University or refer to the "Entrance Exam Information" on the website of the University.
- c. Application of a person who is recognized as having the academic ability the same as or superior to that of those who have graduated from universities by the enrollment qualification assessment shall be accepted, and the person may take the entrance exam.

(2) Working Person Special Exam

A person who falls under any of the application qualifications for (1) "General Exam" items 1) through 11) and also falls under any of the requirements set forth below A) through C) qualifies for the Working Person Special Exam.

- (A) A person who is employed by a company or a public agency, etc. at the time of application (except for those who are enrolled at universities).
- (B) A person who is not employed by a company or a public agency, etc. at the time of application, but more than two years have passed since graduating a university.
- (C) A person who is not employed by a company or a public agency, etc. at the time of application, but more than two years have passed since the acquisition of a Bachelor's degree from the National Institution for Academic Degrees and Quality Enhancement of Higher Education at the time of expected enrollment.

(3) International Students Special Exam

A person who does not have Japanese nationality and qualifies under any of the application qualifications for (1) "General Exam" items 3) through 11) qualifies for the International Students Special Exam.

(Note)

If the person qualifies under any of the application qualifications of "(1) General Exam" item 1) or item 2), the person may not apply to the "International Students Special Exam."

(4) Recommendation-Based Exam (for students of advanced courses of technical colleges)

A person qualifying under all the following items and responsibly recommended by the president of the technical college where the person is enrolled qualifies for the Recommendation-Based Exam.

- (A) Those who are expected to complete the advanced course of a technical college in March 2024 and is expected to be conferred a Bachelor's degree by March 31, 2024, under the School Education Act, Article 104, Paragraph 7.
- (B) Those who have achieved excellent academic performance has good personal qualities and is in good health.
- (C) Those who can make a firm commitment to enroll in the graduate school upon passing the exam.

4. Application Procedure

◎ **Before applying, please be sure to contact the instructor you wish to serve as your supervisor and discuss your suitability for the field of study. Please check "Symbiotic Systems Science and Technology Faculty List" "Environmental Radioactivity Faculty List" for your thesis supervisor.**

If you do not know how or whom to contact, please notify the Admissions Office of the University.

(email: nyushi@adb.fukushima-u.ac.jp).

※**The Internet application site is only available in Japanese. If you have difficulty using the site in Japanese, the university will provide assistance with the Internet application. Please contact us by email (ier@adb.fukushima-u.ac.jp)**

(1) Check the Application Method (Step 1)

For details on the application procedure, please refer to "Entrance Exam Information – Application Guide" posted on the university's website, (<https://nyushi.adb.fukushima-u.ac.jp/yoko.html> (Available only in Japanese)) and the following

The application procedure is not completed only with the “Internet Application Registration (Step 2 below)”.

Step 1	Check Application Method (See page 5-6)	Before you start the application procedure, please read this Application Guide carefully and confirm its contents.
Step 2	Internet Application Registration (See page 6-7)	During the application registration period, please access the Internet application site and enter the required information.
Step 3	Payment of exam fee (See page 7-8)	Follow the instructions on the Internet application site to pay exam fee. (Do not pay if you are applying for an exam fee exemption.)
Step 4	Preparation of necessary documents, Printing and sending (See page 8-10)	Please send the required documents printed from the Internet application site or the University website and all other required documents to the University by the ordinary registered express mail so that they reach the University by the end of the application period.
Step 5	Printing Exam Admission Slip (See page 10)	Once your application has been accepted, you will be able to print out your Exam Admission Slip from the Internet application site after the application period is over. Each applicant must print the Exam Admission Slip in color. Be sure to bring it with you on the day of the exam.

(2) Preparation in Advance (Step 1)

Please check and prepare well in advance of registering your online application.	
Preparation of PCs, etc.	<p>Online applications must be processed under the following environment.</p> <p><Windows></p> <ul style="list-style-type: none"> • Microsoft Edge (Latest Version) • Google Chrome (Latest Version) • Firefox (Latest Version) <p><Mac OS></p> <ul style="list-style-type: none"> • Safari (Latest Version) <p><Android 11.0 or higher ></p> <ul style="list-style-type: none"> • Android Chrome (Latest Version) <p><iOS 14.0 or higher ></p> <ul style="list-style-type: none"> • Safari (Latest Version) <p>※Please note that the site can be used even if the browser is not the latest version, but it may not work properly. In such cases, please update to the latest version.</p>
Email Address Preparation and Email Setup	<p>An email address is required for application, so please have it ready in advance. Smartphone and cell phone email addresses are also accepted.</p> <p>If you have set up a domain name filter, please add the following domains to your settings so that you can receive emails from these domains.</p> <p>(@adb.fukushima-u.ac.jp, @postanet.jp)</p> <p>The following emails will be sent to the email address registered at the time of application.</p> <ol style="list-style-type: none"> ① Test email while entering online application registration ② Automatic email upon completion of application registration information ③ Automatic email upon completion of payment of exam fee (No email when exam fee is exempted.) ④ Email when your facial photo is approved or disapproved ⑤ Email when Exam Admission Slip becomes available and printable <p>※Do not change your email address until you print your Exam Admission Slip.</p>

Preparation of applicant's photo (data)	A color facial photo (jpg) is required for online application registration. (Your facial photo will appear on Exam Admission Slip.) As it will be used for identification purposes, upload a clear facial photo on the Internet application site, facing front, upper body, hatless, without a background, and taken within three months prior to the application date. Photo size should be 4 cm (H) x 3 cm (W) and the file size should not exceed 3 MB. Please note that the application may not be accepted if the photo is not suitable for identification, such as those listed below [Examples of photos that may not be used] Difficulty in identification because of unclear, dark background, face turned sideways, makeup or bangs over the eyes, etc., multiple people in the photo, altered image, re-photographed photo (taking a photo of an already developed photo) etc.
Preparation of necessary documents, etc.	Please prepare the documents listed on "(7) Applications Documents, etc." (See page 8-10) in advance so that they will be ready in time for the application period.
Preparation of an envelope	Please prepare a commercially available kakugata 2 envelope (240mm x 332mm) or a similar size envelope for submitting the application documents.
Preparation for printing forms (Printer, printing paper, etc.)	Forms printed from the Internet application site must be printed in color on A4 size paper, so please prepare a color printer and printing paper. You may use the printing services of public facilities or convenience stores to print your documents as long as they meet the printing requirements, but please be careful with your personal information. Applicants may be contacted if the printing is unclear and cannot be verified.

(3) Online Application Registration Period (Step 2)

October Admission	Wednesday, July 12, 2023 - Thursday, July 20, 2023, 4:30 p.m. in JST
April Admission I ^o round	Wednesday, July 12, 2023 - Thursday, July 20, 2023, 4:30 p.m. in JST
April Admission II ^o round	Monday, October 30, 2023 - Tuesday, November 7, 2023, 4:30 p.m. in JST

(4) Payment of Exam Fee (Step 3)

Exam fee is **30,000 yen**. Please refer to the payment method on the Internet application site, and pay by "credit card", "convenience store", or "Pay-easy (Internet banking or bank ATM)". (A separate payment fee is required.)

* Residents of foreign countries who have difficulty in registering by Internet application or paying the exam fee by "credit card", "convenience store", or "Pay-easy (Internet banking or bank ATM)", should contact the Admissions Office of the University at least one month prior to the application date, and remit the exam fee of 30,000 yen through international money transfer to the bank account designated by the university.

[Payment period]

October Admission	Wednesday, July 12, 2023 - Thursday, July 20, 2023, 4:30 p.m. in JST
April Admission I ^o round	Wednesday, July 12, 2023 - Thursday, July 20, 2023, 4:30 p.m. in JST
April Admission II ^o round	Monday, October 30, 2023 - Tuesday, November 7, 2023, 4:30 p.m. in JST

Payment is due within four days from the date of completion of the online application registration. (If the application deadline comes shorter than 4 days, payment is due on the application deadline.)

Exam fee shall not be returned for whatever reasons after the application documents are received except for the following cases:

- The applicant paid exam fee but did not complete the application (did not submit application documents or the application documents were not received)
- The applicant mistakenly made a double payment of exam fee.
- The applicant obtained supporting documentation that certifies your eligibility for exam fee exemption after the application period.

Procedure for refund application shall be notified individually.

In addition, the transfer fee for the refund will be borne by the claimant.

For inquiries regarding the refund of exam fees: Financial Affairs Division, Accounting section

Phone: 024-548-8015

***Exam fee exemption**

The University will offer special measures to exempt exam fee for all entrance exams in FY2023.

For the conditions of the exemption, please refer to "13. Exam fee exemption for those affected by the Great East Japan Earthquake (including the nuclear power plant accident) and other serious disasters" on page 14-15.

Please do not pay exam fee at the time of application if you would apply for exam fee exemption.

(5) Application period (Step 4)

October Admission	Friday, July 14, 2023 - Thursday, July 20, 2023, 5 p.m. in JST
April Admission I ^o round	Friday, July 14, 2023 - Thursday, July 20, 2023, 5 p.m. in JST
April Admission II ^o round	Wednesday, November 1, 2023 - Tuesday, November 7, 2023, 5 p.m. in JST

(6) Submission of Application documents (Step 4)

Fukushima University Admissions Office

1 Kanayagawa, Fukushima City, Fukushima Prefecture, 960-1296 Phone: +81-24-548-8064

(7) Application documents (Step 4)

Applicants shall prepare the following application documents and must send by ordinary registered express mail. If delivered after the application period, the application cannot be accepted. Please send it ahead of time, fully considering the period required for mailing.

However, only ordinary registered express mail postmarked by the originating office on or before the day before the last day of "the application period specified in the item (5)" will be accepted even if it arrives after the deadline. **Ordinary registered express mail postmarked by the sending office on the last day of the application period will not be accepted.** (This is because it is certain that the documents will not arrive at the University within the application period.)

If you bring your application, the Admissions Office is open from 9:00 a.m. to 5:00 p.m. on weekdays.

Documents required for application	Targeted persons		Remarks
1) Application Form (◆)	All persons		University designated form Please fill out the required information.
2) Academic Performance Certificate	All persons		Issued by the president or dean of the University of graduation (copies are unacceptable)
3) Documents certifying the application qualification	All persons	Persons other than the applicants for Recommendation Based Exam	Any of the following documents that apply. <ul style="list-style-type: none"> • Certificate of (Expected) Graduation • Certificate of Degree Conferred Issued by National Institution for Academic Degrees and Quality Enhancement of Higher Education: a person who intends to apply for conferment of degree or under application should submit the certificate prepared by the president of junior college or technical college that conferment of a Bachelor's degree has been or will be applied for. • Certificate of (expected) completion of a post-secondary course of a specialized training college: a person falling under application qualification 7) should submit the certificate of (expected) completion specifying that the qualification requirements of "years required for completion are more than four (4)" and "total class hours required for completion of the course are over 3,400 hours". • Copy of an advanced teaching certificate or a Type I teaching certificate: a person who falls under the Notification of the Ministry of Education No. 5, Article 10, of 1953, out of those falling under application qualification 8) should submit a copy of the above certificate.
		Applicants for Recommendation Based Exam	All of the following documents issued by the president of the technical college of graduation (affiliation): <ul style="list-style-type: none"> • Certificate of Expected Graduation • Certificate of Expected Conferment of a Degree
4) Research Plan (◆)	All persons		University designated form Enter the summary of research plan
5) Performance Certificate of English Proficiency Test	General Exam Applicants		Scores from any of the following English proficiency tests shall be accepted. <ul style="list-style-type: none"> • TOEIC (Open test) • TOEIC-IP (Including College TOEIC) The scores shall be those acquired by the test taken during the period from two (2) years before the date of entrance exam to the date of application. TOEIC Official Score Certificate or Score Report (Individual Performance Sheet) shall be submitted for performance certificate. If a person took exam more than once, only one of the scores, which an applicant determines to be more favorable, needs to be submitted.
6) Research Results Report (◆)	Working Person Special Exam Applicants		University designated form Enter the research results and employment history, etc.
7) Documents proving current employment	Working Person Special Exam Applicants		A person falling under application qualification (2) (A) shall submit the documents certifying that the person is employed (a copy of employee ID, health insurance certificate, or wage statement, etc.)

8) Letter of Recommendation (◆)	Applicants for Recommendation Based Exam	University designated form A Letter of Recommendation issued and sealed by the president of the technical college of graduation, based on the opinions of the prospective supervisor of the applicant.
9) Application form for Exam Fee Exemption (◆) and Documents to be Attached	*Applicants only	University designated form If you wish to apply for exam fee exemption, please do not pay exam fee at the time of application.
10) Envelope for submitting application documents	All persons	Please prepare a commercially available kakugata 2 (240mm x 332mm) envelope or similar size envelope, enclose the required documents applicable to you from 1) – 8) above, and send by ordinary registered express mail.
11) Address sheet (◇) for submission of application documents	All persons	Please print an address sheet in color from the Internet application site and glue it to the front side of the "9) Envelope for submitting application documents". Enclose the necessary application documents and mark the applicant's checklist on the address sheet to make sure that nothing is missing.

(8) Notes on Application Documents (Step 4)

- ① Documents marked with (◇) in the table are to be printed in A4 size in color from the Internet application site after registering the online application. Please note that once you have completed the online application registration, you will not be able to correct any of the information you have entered.
- ② Documents marked with (◆) in the table are to be printed in A4 size in black and white (double-sided printing in the case of multiple pages) from the University's website. (Exam Information - Application Guide on the University's website, <https://www.ier.fukushima-u.ac.jp/en/graduate-school#link-exam>)
Please use a black or blue ballpoint or fountain pen and write in block style. Documents not designated to be handwritten may be prepared on a computer.
- ③ Certificates, documents, materials, etc. written in languages other than Japanese must be accompanied by a Japanese translation.
- ④ Application will not be accepted if all required documents are not received by the submission deadline.
- ⑤ Changes to the documents shall not be permitted for any reason after completion of the application procedure.
- ⑥ If any fact different from the stated matters in the application documents was discovered, admission might be revoked even if the admission was approved.
- ⑦ If the name on the certificate differs from the applicant's name on the application, please submit an official certificate (e.g., a certificate of the family register) to prove that the applicant is the same person.
- ⑧ 5) Performance Certificate of English Proficiency Test will be returned on the day of exam after the Admissions Office photocopies it. However, if you want to have it returned by mail, please prepare a "return envelope" by yourself, put a stamp on it, and enclose it with your application documents.
- ⑨ For 5) Performance Certificate of English Proficiency Test, if you cannot submit it with other application documents, you may bring it on the day of exam. However, please note that if you fail to submit it on the day of exam, you will be disqualified from taking exam. If you cannot submit it on the day of exam, consult with the Admissions Office. If you have already submitted it at the time of application, you cannot resubmit on the day of exam.

(9) Printing Exam Admission Slip (Step 5)

Exam Admission Slip can be printed from the Internet application site after the application period is over. Please **print it in color**, cut it with scissors along the cut line, and **bring it with you on the day of exam**. Email will be sent to email address registered at the time of application, informing you that you can now print Exam Admission Slip. Even if you do not receive an email from your provider, please log in to the Internet application site at least 3 days prior to exam date to print Exam Admission Slip.

5. Selection Method

(1) General Exam

- In the General Exam, selection shall be made by comprehensively considering the Performance Certificate of English Proficiency Test, oral presentation, oral exam, and application documents.
- In the oral presentation, applicants shall describe their graduation research during undergraduate courses as well as the details of research after admission, within ten (10) minutes. For the oral presentation, bring three copies of presentation materials, comprising a maximum of four pages of A4 paper, hand them over to the interviewers, and give explanations mainly using the materials. If necessary, you can use devices for supplementary explanations (for example, you may use the PC for playing motion pictures and for executing demonstration software) by bringing them in. You cannot use a screen or a projector.
- In the oral exam, questions shall be asked for about 10 minutes on basic and specialized matters related to the oral presentation and its content.

(2) Working Person Special Exam

- In the Working Person Special Exam, selection shall be made by comprehensively considering the oral presentation, oral exam, and application documents.
- In the oral presentation, applicants shall describe their previous research findings and accomplishments as well as the details of research after admission, within ten (10) minutes. For the oral presentation, bring three copies of presentation materials, comprising a maximum of four pages of A4 paper, hand them over to the interviewers, and give explanations mainly using the materials. If necessary, you can use devices for supplementary explanations (for example, you may use the PC for playing motion pictures and for executing demonstration software) by bringing them in. You cannot use a screen or a projector.
- In the oral exam, questions shall be asked for about 10 minutes on basic and specialized matters related to the oral presentation and its content.

(3) International Students Special Exam

- In the International Students Special Exam, selection shall be made by comprehensively considering the oral presentation, oral exam, and application documents.
- In the oral presentation, applicants shall describe their previous research findings and accomplishments as well as the details of research after admission, within ten (10) minutes. For the oral presentation, bring three copies of distribution materials, comprising a maximum of four pages of A4 paper, hand them over to the interviewers, and give explanations mainly using the materials. If necessary, you can use devices for supplementary explanations (for example, you may use the PC for playing motion pictures and for executing demonstration software) by bringing them in. The languages used for application documents, distribution materials, and oral presentation shall be English or Japanese. You cannot use a screen or a projector.
- In oral exam for the Major in Symbiotic Systems Science and Technology, about 10 minutes exam will be conducted in Japanese, with respect to the oral presentation as well as basic and specialized matters related to the oral presentation and its content.
- In oral exam for the Major in Environmental Radioactivity, about 10 minutes exam will be conducted in Japanese or English, with respect to the oral presentation as well as basic and specialized matters related to the oral presentation and its content. Only for residents of foreign countries, if it is difficult to take oral exam and make an oral presentation at Fukushima University Exam Venue, exam might be conducted over Skype, etc.

(4) Recommendation-Based Exam (for students of advanced courses of technical colleges)

- In the Recommendation-Based Exam, selection shall be made by comprehensively considering the oral presentation, oral exam, and application documents.
- In the oral presentation, applicants shall describe their previous research findings and accomplishments as well as the details of research after admission, within ten (10) minutes. For the oral presentation, bring three copies of presentation materials, comprising a maximum of four pages of A4 paper, hand them over to the interviewers, and give explanations mainly using the materials. If necessary, you can use devices for supplementary explanations (for example, you may use the PC for playing motion pictures and for executing demonstration software) by bringing them in. You cannot use a screen or a projector.
- In the oral exam, questions shall be asked for about 10 minutes on basic and specialized matters related to the oral presentation and its content.

6. Exam Schedule and Venue

(1) Exam Schedule

【October Admission】

Category	Exam Date	Exam Method
General Exam	Friday, August 18, 2023 Meeting times and other details will be announced in the "Exam Information" page on the University's website	Oral presentation/ Oral exam
Working Person Special Exam		
International Students Special Exam		

【April Admission 1° round】

Category	Exam Date	Exam Method
General Exam	Friday, August 18, 2023 Meeting times and other details will be announced in the "Exam Information" page on the University's website	Oral presentation/ Oral exam
Working Person Special Exam		
International Students Special Exam		
Recommendation-Based Exam		

【April Admission II° round】

Category	Exam Date	Exam Method
General Exam	Saturday, November 25, 2023 Meeting times and other details will be announced in the "Exam Information" page on the University's website	Oral presentation/ Oral exam
Working Person Special Exam		
International Students Special Exam		
Recommendation-Based Exam		

(2) Exam Venue

Fukushima University (1 Kanayagawa, Fukushima City)

*You can refer to the University's website for the Campus Map (https://www.fukushima-u.ac.jp/2304_guidemap_en.pdf) and access information (<https://www.ier.fukushima-u.ac.jp/en/about/access#link-04>).

7. Preliminary Consultations for Applicants with Disabilities

Applicants with illnesses, injuries, disabilities, etc. who need special consideration for taking exam and after admission shall notify Admissions Office at least one (1) month before the application.

8. Security Export Control

The University conducts security export control based on the "Foreign Exchange and Foreign Trade Law" to ensure that the content of education and research provided to international students does not interfere with the maintenance of international peace and security. Please note that the University may request changes in the content of the education / research you wish to pursue.

For details, please contact the Research Promotion and Regional Collaboration Division (+81-24-548-5248).

9. Announcement of Successful Applicants

October Admission	Thursday, August 24, 2023, 11 a.m. in JST
April Admission I ^o round	Thursday, August 24, 2023, 11 a.m. in JST
April Admission II ^o round	Thursday, December 7, 2023, 11 a.m. in JST

To announce successful applicants, examinee numbers will be posted on the "Exam Information" page of the University website (<https://nyushi.adb.fukushima-u.ac.jp/> (Available only in Japanese)), and "Letter of Acceptance" will be sent by postal mail or email to the successful applicants.

We will not answer inquiries about exam results by telephone, etc.

Please note that it may be difficult to connect to the Internet on the day of the announcement of successful applicants due to congestion in the Internet network line.

10. Enrollment Procedure and Precautions

- (1) Successful applicants shall complete the enrollment procedure during the following period by post. The details will be stated in the "Guide for Enrollment Procedure" to be sent to successful applicants.

【Period for enrollment procedure】

October Admission	Monday, August 28, 2023 - Friday, September 1, 2023, 4 p.m. in JST
April Admission I ^o round	Friday, December 8, 2023 - Friday, December 15, 2023, 4 p.m. in JST
April Admission II ^o round	Friday, December 8, 2023 - Friday, December 15, 2023, 4 p.m. in JST

* If the applicant has not completed the enrollment procedure by the designated date, the applicant will lose the rights of a successful applicant.

*"Guide for Enrollment Procedure," which describes the enrollment procedure, fees, etc., **will be enclosed along with "Letter of Acceptance" for the successful applicants for the October admission. For the successful applicants for April admission I^o round and April admission II^o round, "Letter of Acceptance" will be sent at the beginning of October and at the beginning of December respectively.**

- (2) Admission and Tuition Fees

Admission Fee	282,000 yen [as of now]
Tuition Fee	
First Semester	267,900 yen [as of now]
Second Semester	267,900 yen [as of now]
Annual amount	535,800 yen [as of now]

(Note)

- (1) If the admission and tuition fees are revised at the time of admission or during enrollment, the new admission and tuition fees shall be applied from the time of revision.
- (2) After completion of the enrollment procedure, if you decline admission due to special circumstances, please submit the "Admission Declination Form" (in a discretionary form) by September 30, 2023 for the students admitted in October, and by March 31, 2024 for the students admitted in April.

Provided, however, that the admission fee shall not be returned. This includes the case where the applicant cannot satisfy the admission qualifications owing to repeating a school year, etc.

11. Reduction or Exemption of Admission and Tuition Fees

Students who have difficulty paying the Admission and Tuition Fees due to financial reasons and who are recognized as having outstanding academic performance may be permitted to receive a reduction or exemption of the fees after screening.

For more details of exemption, etc. of admission and tuition fees, please refer to the "Guide for Enrollment Procedure" to be issued to successful applicants.

Contact: Student Affairs Division Phone: +81-24-548-8060

12. Matters of Note

(1) Application procedure and exam date, etc. are subject to change depending on the situation. If there is any change, updated information shall be provided on the University website (<https://nyushi.adb.fukushima-u.ac.jp/> (Available only in Japanese)).

(2) Personal information of applicants

The University will obtain personal information of applicants from the submitted application documents and entrance exams. Obtained information shall be kept confidential and used only for the following purposes in compliance with Act on the Protection of Personal Information Held by Independent Administrative Agencies and the personal information protection regulations of Fukushima University.

○Use for operations of selecting applicants for admission (including procedures, such as statistical processing)

○Use for the Enrollment Procedure

○For the person who completed the enrollment procedure, we will use personal information for operations on instructions for study, student support, improvement of education, and collection of tuition fees after enrolling. For those who are exempt from admission and tuition fees and/or who applied for scholarships, results of the entrance exam, etc. shall be used for selection and determination of persons to be exempt and receive scholarships.

In order to facilitate the application process, the University outsources some of its operations. In this case, we provide necessary personal information to the subcontractor, but we supervise the subcontractor appropriately, for example, by concluding a contract with the subcontractor regarding the appropriate handling of personal information.

(3) Contact for Entrance Exam

Fukushima University Admissions Office Phone: +81-24-548-8064

13. Exam Fee Exemption for Those Affected by the Great East Japan Earthquake (including the Nuclear Power Plant Accident) and Other Serious Disasters

In order to reduce the financial burden of those affected by the Great East Japan Earthquake, TEPCO's Fukushima Daiichi Nuclear Power Plant accident, and the severe disasters such as the heavy rain fall in and after FY2011, and to ensure opportunities for those affected to pursue higher education, the University will offer special measures to exempt exam fee for all entrance exams in FY2023.

(Note: Please do not pay exam fee at the time of application if you would apply for exam fee exemption.)

(1) Eligible Person

An applicant for the University this year, who was recognized as falling under any of the categories below, is eligible for exam fee exemption.

1) A person who suffered damages in the area to which the Disaster Relief Act shall apply, which was designated in the Great East Japan Earthquake or a person who suffered damages by the disasters designated as "disasters of extreme severity" after FY2011, whose house the person or the major household income earner resided was certified as having fallen victim to full destruction, large-scale half destruction, half destruction, or flown out.

2) A person who was damaged in the area to which the Disaster Relief Act shall apply, which was designated in the Great East Japan Earthquake, or a person who suffered damage from the disasters designated as "disasters of extreme severity" after FY2011, whose major household income earner died or disappeared.

3) Those who resided or whose major household income earner resided in the "evacuation order zone (warning zone)," "planned evacuation zone," "emergency evacuation preparation zone," "specific spots recommended for evacuation," as of March 11, 2011, which were established after Tokyo Electric Power Company's Fukushima Daiichi Nuclear Power Plant accident, and who needed to evacuate in connection therewith.

For the details of the above exemption, see the table below.

Category	Approval of exam fee exemption (Approval:o, Disapproval:x)				
	Total destruction	Half destruction in a large scale	Half destruction	Flown out	Partial destruction
1) Total or half destruction of the house	o				x
2) Major household income earner died or disappeared	Major household income earner				Other than major household income earner
	o				x
3) Impact by the nuclear power plant accident	Evacuation order zone	Planned evacuation zone	Emergency evacuation preparation zone	Specific spots recommended for evacuation	Other areas
	o				x

Note: Zones are before re-zoning.

(2) Required Documents

An application for exam fee exemption, the following documents are required.

1) Application form for exam fee exemption (designated form attached hereto)

Please refer to the University's website (Exam Information - Application Guide)
(<https://nyushi.adb.fukushima-u.ac.jp/yoko.html> (Available only in Japanese))

2) A copy of any one of the certificates set forth below:

If falling under (1)-1) above, "disaster victim certificate issued by the head of municipalities."

If falling under (1)-2) above, "document certifying the death or disappearance of the major household income earner."

If falling under (1)-3) above, "document certifying that the person is (was) under evacuation" (self-claiming document is acceptable).

(3) Submission Method and Period of Required Documents

Submit them together with application documents during the application period.

In this regard, if the application for exam fee exemption is made, do not pay exam fee at the time of application.

* Please note that applications submitted after the application period will not be accepted.

14. Special Measures for Education Method

In order to respond to the requests of working people who want to study at the graduate school, this Major in Symbiotic Systems Science and Technology adopts the system of opening classes day and night. For specific fields, students can complete the requirements for all the credits (30 credits) by taking two classes offered in the evening (18:00 to 19:30 hrs. and 19:40 to 21:10 hrs.). If you want to avail of this special provision, please consult before applying with the Admissions Office and the instructor from whom you want to receive instructions after admission.

15. Extended-Study Plan

In these majors in Symbiotic Systems Science and Technology and in Environmental Radioactivity, the system allows students who have restrictions on time, as they are concurrently taking up jobs, etc., to study beyond the standard study period ("Extended-Study Period").

If a student is accepted as an Extended-Study Plan student, the student shall pay the tuition fee in each year at a divided amount, according to the permitted period of extended study (for example, in a Master's program, in general, a student completes the program in two (2) years, but under this system, the student can study for three (3) or four (4) years for the same total amount of tuition fee).

Contact: Educational Affairs Division Phone: +81-24-548-8357

16. Others

Any changes in the 2023 or 2024 entrance exam due to the status of the COVID-19 or other reasons will be announced on the University's website (Exam Information: <https://nyushi.adb.fukushima-u.ac.jp/> (Available only in Japanese))

List of Instructors for the Major in Symbiotic Systems Science and Technology

(As of June 2023 Subject to partial change)

【Course of study】 Mathematics and Information Systems Course, Physics and Mechatronics Course, Material and Energy Science Course, Life and Environmental Sciences Course

【Types of degrees】 Master (Science and Technology)

	Instructor	Main Class Subject
Mathematics and Information Systems Course	Masaru Ishioka	Management of Technology (MOT) I & II
	Tomoyasu Ishikawa	Logistics System I & II
	Satoshi Utsumi	Computer Networks I & II
	Munenori Kakehi	Optimization of Production Systems I & II
	Hironori Kasai	Applied Mathematics I & II
	Hiroaki Kaminaga	Software Engineering I & II
	Nobuo Shinoda	Computer and Network Security I & II
	Dong Yanwen	Management Information Systems and Business Intelligence I & II
	Kazushige Nakagawa	Nonlinear Analysis I & II Advanced Nonlinear Analysis
	Fuminori Nakata	Geometry I Geometry II Geometry III
	Shoichi Nakamura	Data Engineering I & II
	Akira Nakayama	Combinatorial Optimization I & II
	Daisuke Nishijima	Environmental Economic Systems I & II
	Yoshiyuki Higuchi	Transportation and Logistics System I & II
	Katsushige Fujimoto	Intelligent informatics I & II
	Kazuyuki Miura	Theory of Algorithms I & II
	Masaki Wada	Special Topics in Analysis I / II / III
Physics and Mechatronics Course	Shinichi Okanuma*	Power Electronics I & II
	Jun Kinugawa	Human-Machine Interface I & II
	Kunio Shimada	Energy Systems Engineering I & II
	Takayuki Takahashi	Mechatronics I & II
	Akira Tanaka	Human Medical Engineering I & II
	Kazuharu Bamba	Physics of the Universe and Particles I & II
	Ryoko Futami	Sensorimotor Engineering I & II
	Katsuhiko Yamaguchi	Solid State Physics I & II

	Instructor	Main Class Subject
Material and Energy Science Course	Takashi Asada	Biomass Resource Engineering I & II
	Hironori Ohashi	Solid State Inorganic Chemistry I & II
	Shinji Inomata	Inorganic Chemistry I & II
	Hironori Ohashi	Physical Chemistry I & II
	Dai Oyama	Synthetic Chemistry I & II
	Michio Sato	Industrial Production Systems I & II
	Daisuke Sugimori	Bioengineering I & II
	Yoshitaka Takagai	Analytical Chemistry I & II
	Tohru Takayasu	Organic Chemistry I & II
	Kazumasa Nakamura	Materials Science I & II
	Life and Environmental Sciences Course	Shingo Kaneko
Seiki Kawagoe		River Basin Water Management I & II
Katsuhiko Kimura		Plant Ecology I & II
Takahide Kurosawa		Plant Diversity I & II
Shinobu Goto		Environmental Planning I & II
Yoshimasa Koyama*		Neurophysiology I & II
Naoaki Shibasaki		Groundwater Basin Management and Planning I & II
Madoka Takahara		Psychophysiology I & II
Tadaaki Tsutsumi		Animal Diversity and Evolution I & II
Yoshitaka Nagahashi		Quaternary Geology I & II
Koji Nagahata		Soundscape Studies I & II
Kenji Nanba		Environmental Microbiology I & II
Reiko Mizusawa		Island Biology I & II
Yoshiyuki Yokoo	Watershed Hydrology I & II	
Ryuhei Yoshida	Environment Modeling I & II	

*shows instructors who do not serve as a Master's Thesis supervisor.

List of Instructors for the Major in Environmental Radioactivity

(As of June 2023 Subject to partial change)

【Course of study】 Environmental Radioactivity Course (Field of Ecology, Field of Modeling, Field of Measurement)

【Types of degrees】 Master (Science and Technology)

List of Instructors and their Class Subjects

Field	Instructor	Class Subject
Common	Omnibus (Yoschenko, Wada, Igarashi, Ishiniwa)	Radioecology
	Omnibus (Konoplev, Wakiyama, Takata, Gusyev)	Nuclear Disaster Studies
	Omnibus (Tsukada, Torii, Hirao)	Radiochemical Analysis
	Omnibus (All instructors)	Environmental Radioactivity Science I & II
	Omnibus (All instructors)	Practicum in Environmental Radioactivity Science/Advanced Practicum in Environmental Radioactivity Science
Field of Ecology	Yasunori Igarashi	Forest Radioactivity
	Hiroko Ishiniwa	Animal Ecology
	Vasyl Yoschenko	Terrestrial Radioecology
	Shingo Kaneko ※	Molecular Ecology I & II
	Kenji Nanba ※	Environmental Microbiology I & II
	Toshihiro Wada	Aquatic Radioecology/Practicum in Ecological Radioactivity
	Omnibus (Field of Ecology)	Practicum in Ecological Radioactivity
Field of Modeling	Seiki Kawagoe ※	River Basin Water Management I & II
	Naoaki Shibasaki ※	Groundwater Basin Management and Planning I & II
	Hyo Takata	Dynamics of Radioactivity in Ocean
	Shigekazu Hirao	Transport Phenomena/Practicum in Radioactivity Modeling
	Maksym Gusyev	Radioactivity Modeling
	Yoshiyuki Yokoo ※	Watershed Hydrology I & II
	Yoshifumi Wakiyama	Dynamics of Radionuclides on Terrestrial Environment/Practicum in Radioactivity Modeling
	Omnibus (Field of Modeling)	Practicum in Radioactivity Modeling
Field of Measurement	Ismail Rahman	Separation Technology of Radioactive Materials
	Yoshitaka Takagai ※	Analytical Chemistry I & II
	Takayuki Takahashi ※	Mechatronics I & II
	Hirofumi Tsukada	Dynamics of Radioactivity in Terrestrial Biosphere/Practicum in Radioactivity Measurement
	Tatsuo Torii	Radiation Measurement Engineering
	Katsuhiko Yamaguchi ※	Solid-State Physics I & II
	Omnibus (Field of Measurement)	Practicum in Radioactivity Measurement

"※" shows instructors concurrently assigned to the Major in Symbiotic Systems Science and Technology.

List of Instructors Eligible to be the supervisor of the master's thesis

Field	Instructor
Field of Ecology	Yasunori Igarashi, Hiroko Ishiniwa, Vasyl Yoschenko, Toshihiro Wada
Field of Modeling	Hyo Takata, Shigekazu Hirao, Maksym Gusyev, Yoshifumi Wakiyama
Field of Measurement	Ismail Rahman

*For more details, please visit the website of the Institute of Environmental Radioactivity.
(<https://www.ier.fukushima-u.ac.jp/en/>)