

Application for Graduate School Master's Course

## **Master's Course**

(Admission for International Students and Full-time Employees)

**October 2023**

**and**

**April 2024**



Admission Information and Application

Graduate School of Marine Science and Technology  
**Tokyo University of Marine Science and Technology**



# Welcome to the Tokyo University of Marine Science and Technology - TUMSAT

## Master's Courses for International Students

TUMSAT offers the following seven Master's degree course programs for international students. Graduates are awarded either a Master of Marine Science degree or a Master of Engineering degree from TUMSAT.

### 《Security export control》

Pursuant to the Foreign Exchange and Foreign Trade Act in Japan, "TUMSAT Regulations for Security Export Control" is stipulated. Strict control with respect to transfer of technology and cargo export is required in admission screening of international students.

In case regulated items or transactions are applicable, your designated research activities and education programs may be limited.

Please be aware of such restrictions and consult a prospective supervisor before applying.

For more information on security export control, please refer to "Security Export Control" on the METI website.

<https://www.meti.go.jp/policy/anpo/englishpage.html>

### 《Important Notices》

Please check the latest information on our website and apply after understanding the possibility of changes.

Master's Course:

1. Course of Marine Life Sciences
2. Course of Food Science and Technology
3. Course of Marine Resources and Environment
4. Course of Marine Policy and Management
5. Course of Marine System Engineering
6. Course of Maritime Technology and Logistics
7. Course of Safety Management in Food Supply Chain

The programs specialize in the following study areas:

1. Course of Marine Life Sciences
  - 1) Aquatic Bioscience
  - 2) Fisheries Biology
  - 3) Marine Bio-Engineering
2. Course of Food Science and Technology
  - 1) Food Science
  - 2) Food Technology
  - 3) Salad Science (Endowed laboratory)
3. Course of Marine Resources and Environment
  - 1) Ocean Sciences
  - 2) Marine Resources and Energy
4. Course of Marine Policy and Management
  - 1) Marine Policy
  - 2) Marine Management
  - 3) Marine Environment and Culture
5. Course of Marine System Engineering
  - 1) Power System Engineering
  - 2) Marine Mechanical Engineering
  - 3) Marine Cybernetics
  - 4) Marine Exploring and Utilization (Cooperative laboratory)
6. Course of Maritime Technology and Logistics
  - 1) Information Systems Engineering
  - 2) Environment System Engineering
  - 3) Marine Technology
  - 4) Marine Safety Technology (Cooperative laboratory)
  - 5) Logistics System Engineering
  - 6) Logistics Management and Economics
7. Course of Safety Management in Food Supply Chain
  - 1) Safety Management in Food Supply Chain

## ©Admission policy

### Master's Course:

In the Master's course of the Graduate School of Marine Science and Technology, we seek students who can flexibly respond to the times and society and creatively confront various global-scale issues related to the oceans in order to solve them, and who have the drive and capability to pioneer leading-edge areas in the marine field and the fields of its related industries.

#### 1. Course of Marine Life Sciences:

We seek students who are interested in elucidating the mechanisms of the biological activities that are specific to marine organisms, and in conducting research that makes use of the characteristics of same, who actively address application of the results to the conservation and sustainable utilization of living marine resources, and who have the ability to advance research independently.

#### 2. Course of Food Science and Technology:

We seek students who are interested in the field of food science and technology, such as guaranteeing and improving the safety of foods, the elucidation of trophic/health functions of foods and optimal control of food quality, and who have the drive to acquire the ability to identify and solve issues by themselves in order to realize these.

#### 3. Course of Marine Resources and Environment:

The Course of Marine Resources and Environment seeks students who are interested in various issues pertaining to the marine environment and its conservation, the relationships between aquatic organisms and the applied development and sustainable utilization of marine resources and energy, and who have the drive to actively pursue ways to solve to issues through the mastery of extensive knowledge and skills.

#### 4. Course of Marine Policy and Management:

We seek students who are interested in comprehensive management/policies for systematically utilizing and conserving the oceans, which are used multilaterally, and have a strong drive to pursue solutions to interdisciplinary issues extending over the three fields of natural science, social science, and humanities.

#### 5. Course of Marine System Engineering:

The Course of Marine System Engineering seeks students who are interested in the machines/equipment that marine artificial objects such as marine observation/operation machines, ships/marine structures consist of and in systems in which these are integrated, and who will actively address development/conservation/restoration from a broad viewpoint, from the point of view of "harmony between the marine environment and marine artificial objects" and under an academic framework centered on systems

engineering, environmental engineering and safety engineering.

6. Course of Maritime Technology and Logistics:

The Course of Maritime Technology and Logistics seeks students who have a field of view with a global scale, will identify various issues related to the safety/efficiency of marine transportation and logistics, and have a strong drive to master the theoretical/practical core qualities necessary to obtain solutions to them.

7. Course of Safety Management in Food Supply Chain:

We seek students who will systematically learn about food safety/quality control in the various processes of food supply chains and accumulate the basic skills, and who also have a strong drive to develop their own abilities by training their problem solving abilities/judgment abilities, with the aim of becoming specialists in food safety/quality control, and furthermore, of becoming managers/administrators who have comprehensive abilities that will enable them to draw up management policies having considered the risks pertaining to food safety and take the lead in implementation.

## 1. Number of Places Available

### ●For enrollment in October 2023

Course	No. of places		
	general admission	admission for international students	special admission for full-time employees
Course of Marine Life Sciences	Some		
Course of Food Science and Technology	Some		
Course of Marine Resources and Environment	Some		
Course of Marine Policy and Management	Some		
Course of Marine System Engineering	Some		
Course of Maritime Technology and Logistics	Some		
Course of Safety Management in Food Supply Chain	Some	special selection-A	Some
		special selection-B	Some

### ●For enrollment in April 2024

Course	No. of places		
	general admission	admission for international students	special admission for full-time employees
Course of Marine Life Sciences	50		
Course of Food Science and Technology	32		
Course of Marine Resources and Environment	65		
Course of Marine Policy and Management	22		
Course of Marine System Engineering	19		
Course of Maritime Technology and Logistics	32		
Course of Safety Management in Food Supply Chain	Some	special selection-A	3
		special selection-B	5

Note:

The number of places indicates the total maximum number of students that will be admitted to the course, including those admitted by passing the general admission as well as, the admission for international students, and the special admission for full-time employees.

## 2. Admission Requirements

Those who apply for admission to the Master's Course must meet one of the following requirements. (For those applying for enrollment in October 2023, replace "March 2024" in (1) to (10) below with "September 2023.")

It is also a requirement for the application to contact the instructor to be instructed before applying and to obtain the consent of the instructor to take the examination.

- (1) Be a person who has graduated or is expected by March 2024 to have graduated from a university as provided for in Article 83 of the School Education Act of Japan.
- (2) Be a person who has obtained or is expected by March 2024 to have obtained a Bachelor's degree as provided for in Article 104 Paragraph 7 of the School Education Act of Japan.
- (3) Be a person who has completed or is expected by March 2024 to have completed 16 years of school education in a country other than Japan.
- (4) Be a person who has completed or is expected by March 2024 to have completed 16 years of school education by completing in Japan a correspondence course provided by a foreign school.
- (5) Be a person who has completed or is expected by March 2024 to have completed 16 years of education in a course provided by an organization positioned as an educational institution that provides university courses under the school education system of a country other than Japan and that is separately designated by the Japanese Minister of Education, Culture, Sports, Science and Technology.
- (6) Be a person who has obtained or is expected by March 2024 to have obtained a degree equivalent to a Bachelor's degree by completing a course of three or more years at a foreign university or a foreign school that is evaluated by an organization accredited by the government of the country or a related governmental organization for the general status of its educational and research activities or that is designated to be a school equivalent to the aforementioned separately by the Japanese Minister of Education, Culture, Sports, Science and Technology, by completing such a course by correspondence in Japan, or by completing such a course at a school that is positioned as an educational institution under the school education system of the country other than Japan and is designated by the Japanese Minister of Education, Culture, Sports, Science and Technology as described in (5) above.
- (7) Be a person who has completed, after the date separately specified by the Japanese Minister of Education, Culture, Sports, Science and Technology, or is expected by March 2024 to have completed a course of at least four years that meets the criteria set by the Minister at a specialized training college that is separately designated by the Minister.
- (8) Be a person designated by the Japanese Minister of Education, Culture, Sports, Science and Technology (Ministry of Education's ordinance No. 5 of 1953).
- (9) Be a person who has attended a university for three years in Japan as of the end of

March 2024; a person who has completed or is expected by March 2024 to have completed 15 years of school education in a country other than Japan; a person who has completed or is expected by March 2024 to have completed 15 years of school education in a country other than Japan by completing a correspondence course provided in Japan by a foreign school; or a person who has completed a 15-year course of education by completing a course provided by an organization that provides university courses and is positioned as an educational institution under the school education system of a country other than Japan and is separately designated by the Japanese Minister of Education, Culture, Sports, Science and Technology, and who is also recognized by the Graduate School of the University to have obtained the predefined units with excellent grades.

- (10) Be deemed by the Graduate School of the University to have the same or higher academic abilities as university graduates through eligibility screening for admission, and be 22 years old by the end of March 2024.

Notes:

Please note that applicants from countries that do not need 16 years of education to graduate from university under the school education system of their country must meet requirement (9) or (10) (excluding those who meet requirement (6)).

Those who apply under requirement (6) are requested to contact the Admissions Division in advance.

Those who apply under requirement (9) or (10) must undergo eligibility screening for admission and undertake the necessary procedures for this. (Refer to the following section.)

Those who apply for the admission for international students must meet one of the requirements described above and must also be “non-Japanese students who have entered/will be entering Japan with the intent of receiving education or conducting research at a university or other institution and are applying for enrollment at the Graduate School of this University.”

Those who apply for the special admission for full-time employees and for “special selection-A” to attend the Course of Safety Management in Food Supply Chain must meet either of the following requirements in addition to one of the above requirements: have worked as a regular employee of a company or the like for two years or longer or have graduated from university five or more years ago. (Note on the term of employment: The term of employment shall not include a period during which the applicant was working while attending a regular course at university, but shall include a period during which the person was working as a regular employee during the daytime and attending university at night or completing a university course by correspondence. [Clarify your employment status (regular employment, etc.) in your certificate of employment.]

If you apply for “special selection-B” to attend the Course of Safety Management in Food Supply Chain, you must meet one of the aforementioned application requirements as well



as the following condition: have worked for a food-related company for five or more years and can provide a recommendation from your current employer. (Note on the term of employment: The term of employment shall not include a period during which the applicant was working while attending a regular course at university, but shall include a period during which the person was working as a regular employee during the daytime and attending university at night or completing a university course by correspondence. [Clarify your employment status (regular employment, etc.) in your certificate of employment.]) If you are not sure if you can apply to “special selection-B”, please contact the Admission section.

**※There is a possibility that the Admission schedule and Examination Method will be changed.**

### 3. Eligibility Screening for Admission

Those who apply under requirement (9) or (10) are required to submit the following documents by the end of May 31, 2023 (Wednesday).

The documents must be submitted together in one submission.

Download the prescribed form (published on the University's website on Early May 2023), prepare the contents of the forms and print out. After that, submit all necessary documents by the deadline.

Documents to be submitted	Remarks
1. Application for Prejudgment or Eligibility and Curriculum Vitae	Use the prescribed form and fill in the required items. Write down (9) or (10) in the eligibility column. Please attach a copy of any licenses/qualifications.
2. Official Certificate of Academic Grades issued by the school at which the applicant was last enrolled	Submit the original certificate, not a copy.
3. Certificate of Attendance or Certificate of (expected) graduation	Submit the original certificate, not a copy.
4. Certificate of Research Activities	Submit the prescribed form filled in by the head of your alma mater or previous employer/organization or by an equivalent. Note: You do not need to submit this if you have never engaged in research activities.

<p>5. Business Performance Record Research Achievement Record</p>	<p>Please report your work achievements and research achievements in the prescribed forms. (If you have nothing to write, state this on the form and submit it.) * If you have related materials (research papers, technical reports, utility models, etc.), please submit them.</p>
<p>6. Letter of Recommendation</p>	<p>Submit the prescribed form filled in by the head of your alma mater or previous employer/organization or by an equivalent. If you are not an employee and you apply for special admission for full-time employees, ask a third party, such as the person in charge of an industry association, who prove the actual working conditions. Note: You do not need to submit this if it is difficult to do so.</p>
<p>7. Letter Pack Light (Envelope to return the results of the eligibility screening for admission)</p>	<p>1) It's issued by Japan Post Co., Ltd. Please buy a "Letter Pack Light" (price: ¥370) at a nearby post office, convenience store or other retail outlet that sells postage stamps and related items. 2) Write down the appropriate zip code in the zip code column on the front side of the purchased pack and then write down the applicant's address, name and tel. number in the addressee column. **Please do not write anything on the adhesive label to be kept by the sender or remove the label from the pack**</p>

Note: For documents that are not in Japanese or English, a Japanese or English translation of the document must be attached.

※There is a possibility that the Admission schedule and Examination Method will be changed.

#### 4. Application period

First application : May 26, 2023 (Friday) - May 31, 2023 (Wednesday) 17:00

Second application : June 16, 2023 (Friday) - June 21, 2023 (Wednesday) 17:00

\* See **5. Application procedure** for more information.

\* When submitting application documents, please allow enough time for submission.

#### Application window

Graduate School of Marine Science and Technology

Tokyo University of Marine Science and Technology

• Admissions Section II of the Admissions Division

4-5-7 Konan, Minato-ku, Tokyo 108-8477, Japan

E-mail: [n-nyusi2@o.kaiyodai.ac.jp](mailto:n-nyusi2@o.kaiyodai.ac.jp)

• Etchujima Campus Administration Division

2-1-6 Etchujima, Koto-ku, Tokyo 135-8533, Japan

(Office hours: Monday to Friday, 9:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m)

\* In the case of the mail, must arrive by period.

#### Notes on application

- (1) "Internet application" does not mean that the application is completed only by registering in the Internet application system. You must pay the examination fee within the payment period, and must submit the required application documents within the submission period.
- (2) After the application is completed, application contents cannot be changed.
- (3) If the application contents are not true, you cannot take the examination. In addition, even after announcing successful applicants or after enrollment, we may cancel or cancel enrollment.

#### ◆Inquiries about This Web Site and Its Operation◆

Learning and Education Application Service Support Center

( Operating company : Disco Inc. )

E-Mail: [cvs-web@disc.co.jp](mailto:cvs-web@disc.co.jp)

#### Internet Application System Login

It is necessary to log in to the Internet application system to pay the examination fee, print the required documents, and print Applicant's ID Card for examination. To log in, access the login screen from the application site and enter the "Email address" and "Password" registered in your My Page.

## 5. Application procedure

Please be sure to contact a prospective supervisor before applying and get approval for the examination. For documents, the sign of your prospective supervisor is not needed. At a Later, Tokyo University of Marine Science and Technology makes the confirmation of approval to the supervisors. (\*Please see the list of supervisor.)

<b>PROCESS 1</b>	Advance preparation	Please be sure to check before applying for the Internet.
↓		
<b>PROCESS 2</b>	Internet application registration	<p>Please access the Internet application system from the University website using a personal computer, etc., and enter and register the necessary items. In addition, please upload the required application documents.</p> <p>First application :            May 23, 2023 (Tuesday) 10:00            - May 31, 2023 (Wednesday) 16:30</p> <p>Second application :            June 13, 2023 (Tuesday) 10:00            - June 21, 2023 (Wednesday) 16:30</p>
↓		
<b>PROCESS 3</b>	Payment of the examination fee	<p>Please pay the examination fee according to the instructions of the Internet application system.</p> <p>First application :            May 23, 2023 (Tuesday) 10:00            - May 31, 2023 (Wednesday) 16:30</p> <p>Second application :            June 13, 2023 (Tuesday) 10:00            - June 21, 2023 (Wednesday) 16:30</p>
↓		
<b>PROCESS 4</b>	Submission of required application documents	<p>Please print the Application form from the Internet application system and submit it to the University along with all other required documents.</p> <p>First application :            May 26, 2023 (Friday)            - May 31, 2023 (Wednesday) 17:00</p> <p>Second application :            June 16, 2023 (Friday)            - June 21, 2023 (Wednesday) 17:00</p>
↓		
<b>PROCESS 5</b>	Printing of Applicant's ID Card for examination	If your application has been accepted, you can print an Applicant's ID Card for examination from the Internet application system after the application period. Each applicant must print out the Applicant's ID Card for examination and bring it on the day of the examination.

## (1) PC operating environment

<Browser>

- Microsoft Edge (Latest edition)
- Google Chrome (Latest edition)
- Mozilla Firefox (Latest edition)
- Apple Safari 8 or later

\* If you use the tab function of the browser to perform the application operation simultaneously on multiple tabs, the selected content may be handed over to other tabs and other issues may occur. Please refrain from simultaneously operating the application in multiple tabs.

\* Smartphones and tablet terminals are deprecated.

※For the latest version, launch each browser and check by accessing the following URL.

- Microsoft Edge ⇒ <edge://settings/help>
- Google Chrome ⇒ <https://www.google.com/intl/ja/chrome/update/>
- Mozilla Firefox ⇒ <https://support.mozilla.org/ja/kb/find-what-version-firefox-you-are-using>

## (2) Preparation of printer, paper, etc.

The forms must be printed on A4 size plain paper, so please prepare a printer and printing paper (plain paper, PPC paper, OA paper, copy paper, etc.). As long as the printing conditions are met, you can print using the printing service of public facilities or convenience stores, but please be careful when handling personal information.

## (3) E-mail address preparation and e-mail reception setting

An e-mail address is required for application, so please prepare an e-mail address in advance. E-mail addresses for smartphones and mobile phones are also available. In addition, if you have set the domain specified reception, please add the settings so that you can receive mail from the following domains.

**@e-apply.jp**

**@o.kaiyodai.ac.jp**

When Application registration, Payment of the examination fee and other procedures, an email will be sent to the email address registered on your My Page.

\* Once registered, the email address cannot be changed.

## (4) Preparation of personal photo data

The photograph will be used for identity verification, so please prepare color photograph data of the front, upper body, without a hat, and without the background photographed within 3 months before application. (.jpeg .jpg .png .bmp ) (File size up to 2MB)

\* Examples of photos that cannot be used

Blurred, dark background, face turned sideways, multiple people appear, processed image, rephotographed developed photo, etc.

## (5) Download the prescribed format

Download the prescribed form (published on the University's website on Early May 2023), prepare the contents of the forms and convert them to PDF files (Statement of Purpose, Academic career and Employment career. In addition, for the special admission for full-time employees, please also prepare a Business performance record and Research achievement record). At the stage of PROCESS 2(3), upload these documents. (※Please convert the file separately for each document and name the file.)

For Application form, prepare the contents refer to the PDF sample. At the stage of PROCESS 2(2), register contents of the Application form.

## (6) Other required documents

Prepare other required documents in advance of the application period.  
(Official Academic transcript, Official Certificate of (Expected) Graduation, Letter of recommendation, Letter pack lights, etc.)

Please convert the Official Academic transcript and the Letter of recommendation to PDF files because you upload these at the stage of PROCESS 2(3).

\*For required documents, please confirm PROCESS 2(3) and PROCESS 4.

## (7) Preparing an envelope

Please prepare an envelope (240 mm × 332 mm) to submit the required documents.

<b>PROCESS 2</b>	<b>Internet application registration</b>
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### (1) Access the Internet application site

Please access the Internet application site from the University website.

(<https://www.kaiyodai.ac.jp/>)

If this is your first time to apply online, please click the "Register My Page" button to register your My Page.

If you have registered on your My Page, please click the "Carry out the application procedure" button to access the online application page.

The "e-mail address" of the applicant's contact information will be used for contacting, so please enter an e-mail address that University can certainly contact the applicant.

### (2) Application registration

Register applicant information, application qualification information, etc. along the input screen.

\* Please enter the name of your prospective supervisor with whom you have contacted in advance and obtained approval to take the examination.

\* The " telephone number" of the applicant's contact information will be used for contacting, so please enter a telephone number that University can certainly contact the applicant.

\* Please enter the domestic address for the address for shipping label. This is the mailing address that University send documents, so please enter the address where you can receive the documents without fail.

\* Upload your face photo data here. You can also cut (crop) the photo size on the screen.

### (3) Upload application documents

Please convert the following documents to PDF files and upload them on the application site. (Please give each file a name.)

	Documents	Remarks
For all applicants	①Statement of Purpose (Motivation for graduate study and research proposal for TUMSAT)	Use the prescribed form
	②Official Academic transcript	Official academic transcript of under , issued by the university at which the applicant was last enrolled.*Copy is not allowed. * Those who have undergone a preliminary examination for application qualification (9) or (10) are unnecessary.
	③ Academic career and Employment career	Use the prescribed form

For those who apply for the admission for international students	④Letter of recommendation	Official letter of recommendation from the head of the laboratory/department/institute who can objectively prove your research content and suitability of the applicant, such as the supervisor of your home university. (Style is free.)  *Research students of this university should submit a letter of recommendation different from the one at the time of application for the research student.
For those who apply for the admission for full-time employees	⑤Business Performance Record ⑥Research Achievement Record	Please report your work achievements and research achievements in the prescribed form. (If you have nothing to write, state this on the form and submit it.) * If you have related materials (research papers, technical reports, utility models, etc.), please submit them in PROCESS 4. * Those who have undergone a preliminary examination for application qualification (9) or (10) are unnecessary.
	⑦Letter of recommendation	Submit the prescribed form that filled in by the affairs manager of your company (possible as the equivalent of the Human Resources Department). You do not need to submit this if it is difficult to do so. However, Applicants for "special selection-B" of the Course of Safety Management in Food Supply Chain must submit. If you are not an employee, ask a third party, such as the person in charge of an industry association, who prove the actual working conditions. * Those who have undergone a preliminary examination for application qualification (9) or (10) are unnecessary.

\*1 For documents that are not in Japanese or English, a Japanese or English translation of the document must be attached. \*2 If the application contents are not true, you cannot take the examination. In addition, even after announcing successful applicants or after enrollment, we may cancel or cancel enrollment. \*3 Tokyo University of Marine Science and Technology manage the above personal information responsibly.

#### (4) Confirmation of application details

When the input is completed, a confirmation screen for the input content is displayed. Display the Application Form sample and check if there are any deficiencies in the content. Check the contents carefully, and if there is no error, click the "To register in this content" button.

#### (5) Registration completed

The "Reception number" is displayed on the screen when the entry is completed. Proceed to the "Examination fee payment procedure". The Examination fee payment guide for application email will be sent to the registered email address. The receipt number written in the e-mail will be used for confirmation of application contents, payment of the examination fee, printing of documents necessary for application, etc. Please keep it in a safe place until the end of the entrance examination. \*"Reception number" is not an examination number. The examination number will be written on the "Applicant's ID Card" issued after the application period.

[Notes on Internet application]

- After completing the Internet application registration, the application procedure has not yet been completed. Please make sure to pay the examination fee and submit the required application documents within the period.
- If you do not pay the examination fee within 4 days after the Internet application registration is completed, the registered data will be considered as canceled and the data will be automatically deleted.

- After the Internet application registration is completed, the registered contents cannot be modified or changed, so be careful not to make a mistake. However, if you notice an error before paying the examination fee, do not pay the examination fee and register again from the beginning. (If the examination fee is not paid during the payment period, incorrect registration data will be automatically canceled and deleted.)
- Face photo data may be resubmitted if it is judged to be inappropriate as an application photo.

<b>PROCESS 3</b>	<b>Payment of the examination fee</b>
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The payment of the examination fee will be made after the completion of PROCESS 2 Internet application registration and uploading the required application documents. After completing application registration, proceed to the payment procedure in one of the following ways.

- On the application registration completion screen, click “Pay continue” button.
- Proceed with the procedure from the URL listed in the Examination fee payment guide for application email.
- Click the "Internet Application System @ Login" button on the application site to log in to your My Page, and click "Payment" button. Select a payment method and complete the payment of the examination fee within the payment period.

Examination fee	Payment term
¥30,000	First application : May 23, 2023 (Tuesday) 10:00 - May 31, 2023 (Wednesday) 16:30 Second application : June 13, 2023 (Tuesday) 10:00 - June 21, 2023 (Wednesday) 16:30 Payment must be made within 4 days, including the date of completion of Internet application registration, within the above period. However, if the application is completed less than 4 days before the end of the application, and the last day of the application is 16:30, the above payment period will take precedence and no further payment will be possible.

\* There is a separate fee for paying the examination fee. Fees are paid by the payer. The amount of the fee will be displayed on the payment procedure screen.

Payment Method	Financial institutions, etc.
Credit card	VISA / MasterCard / JCB / AMERICAN EXPRESS / MUFG Card / DC card / UFJ Card / NICOS Card
Internet banking	Internet Banking compatible with Pay-easy / Pay Pay Bank / Rakuten Bank / SBI Sumishin Net Bank / au Jibun Bank
Convenience store <small>* Payable only in Japan</small>	7-Eleven / Lawson/ Ministop (Loppi) / Family Mart / Daily Yamazaki / Seikomart (Club Station)
Post office / bank ATM <small>* Payable only in Japan</small>	ATMs compatible with Pay-easy

[Notes on payment of examination fee]

- (1) The application form downloaded from the Internet application site cannot be printed before the application fee is paid.
- (2) If the application fee is not paid within the payment period, the registered data will be considered as canceled and the data will be automatically deleted.



(3) The card holder when paying by credit card does not have to be the applicant.

[Return of examination fee]

The paid examination fee will not be refunded for any reason, except in the following cases:

- (1) When the examination fee has been paid but the application documents have not been submitted or the application has not been accepted
- (2) If you accidentally pay the examination fee twice

In the case of (1) and (2) above, please contact the Admissions Section Second Admission Section (n-nyusi2@o.kaiyodai.ac.jp) immediately. At a later date, The fixed amount will be refunded by the TUMSAT.

<b>PROCESS 4</b>	<b>Submission of required application documents</b>
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After payment of the examination fee in PROCESS 3, please submit the required documents. Please log in to the Internet application site, print out the “Application Form”, and submit all necessary documents within the application period.

	Documents to be submitted	Remarks
For all applicants	① Application form * Created in PROCESS2	Please print in A4 size from the Internet application system. *The sign of your prospective supervisor is not needed.
	② Statement of Purpose (Motivation for graduate study and research proposal for TUMSAT) * Uploaded in PROCESS 2	Please submit the original documents uploaded in PROCESS 2.
	③ Official Academic transcript * Uploaded in PROCESS2	Official academic transcript of all undergraduate courses, issued by the university at which the applicant was last enrolled. ※Copy is not allowed. * Those who have undergone a preliminary examination for application qualification (9) or (10) are unnecessary.
	④ Academic career and Employment career * Uploaded in PROCESS2	Please submit the original documents uploaded in PROCESS 2.
	⑤ Official Certificate of (Expected) Graduation	Official certificate confirming (expected) graduation, issued by the president of the university at which the applicant was last enrolled. ※Copy is not allowed. * Those who have undergone a preliminary examination for application qualification (9) or (10) are unnecessary.

For all applicants	⑥Letter Pack Light (For reply)	1) It's issued by Japan Post Co., Ltd. Please buy a "Letter Pack Light" (price: ¥370) at a nearby post office, convenience store or other retail outlet that sells postage stamps and related items. 2) Write down the appropriate zip code in the zip code column on the front side of the purchased pack and then write down the applicant's address, name and tel. number in the addressee column.  **Please do not write anything on the adhesive label to be kept by the sender or remove the label from the pack**
	⑦Copy of Passport	Include the pages showing your name and photo.
	⑧Residence Card (copies of the front and back sides)	If you are living in Japan at the time of submitting your application, you will need to present your residence card (original) at the University if you are applying for admission in person. If you submit your application by post, you must include an original certificate of residence (on which your nationality, status of residence and other details are shown) instead. A copy of the certificate is not acceptable.
For those who apply for the admission for international students	⑨ Letter of Recommendation * Uploaded in PROCESS2	Please submit the original documents uploaded in ④ of PROCESS 2 (3).
	⑩(Optional) Certificate of Japanese Competency Authorized by the Examination for Japanese University Admission for International Students (EJU) or Certificate of TOEIC L&R, TOEFL or IELTS.  Please see *5.	Applicants seeking exemption from taking the "Foreign Language" section of the Written Examination are requested to submit the original and a copy of any one of (1), (2), (3) or (4) below at the time of application.  (1) Certificate with a pass mark of 300 in the Japanese Examination (except "Writing" ) for Japanese University Admission authorized by the Japan Student Services Organization (original and copy) (2) Certificate with a pass mark of 700 in TOEIC (including TOEIC-IP, however online is not included) (original and copy) (3) Certificate with a pass mark of 61 in TOEFL (iBT) (original and copy) (4) Certificate with a pass mark of 5.5 in IELTS (original and copy) If you are exempted from the "Foreign Language" examination, 80 marks will be awarded (out of a total possible score of 100).  Important Notice: Please note that a valid certificate (original and copy of the score sheet) must be submitted with all the other application documents by the deadline. The original score sheet will be returned. A certificate (score sheet) is considered valid if obtained within the 2 years prior to the application period.

<p>For those who apply for the admission for international students</p>	<p>⑪(Optional) Certificate of TOEIC L&amp;R, TOEFL or IELTS. Note: Only for applicants who select to undertake the “Foreign Language (English)” section of the Written Examination</p> <p><b>Please see *5.</b></p>	<p>When a TOEIC (including TOEIC-IP, however online is not included), TOEFL (iBT) or IELTS score sheet is submitted, the score will be converted to a score for the “Foreign Language (English)” section of the Written Examination. Whichever is higher of the converted score or the actual score for the “Foreign Language (English)” section of the Written Examination will be used. The conversion formula for the TOEIC score is as follows:</p> <p>Converted score = (TOEIC score – 220)/6 (rounded down to the nearest whole number; maximum score is 100 points, minimum score is 0 points) For TOEFL and IELTS, the graduate school will first convert the scores into the TOEIC score, and then make the final conversion. &lt;Note&gt; For score conversion, students are required to take the “Foreign Language (English)” section of the Written Examination. If you wish to be exempted, please see ⑩.</p> <p>Important Notice: Please note that a valid certificate (original and copy of the score sheet) must be submitted with all the other application documents by the deadline. The original score sheet will be returned. A certificate (score sheet) is considered valid if obtained within the 2 years prior to the application period.</p>
<p>For those who apply for the admission for full-time employees</p>	<p>⑫ Letter of Recommendation * Uploaded in PROCESS2</p> <p>⑬ Business Performance Record and Research Achievement Record * Uploaded in PROCESS2</p> <p>⑭ Certificate of Employment</p>	<p>Please submit the original documents uploaded in ⑦ of PROCESS 2. (3)</p> <p>Please submit the original documents uploaded in PROCESS 2. * If you have related materials (research papers, technical reports, utility models, etc.), please attach them and submit them.</p> <p>Submit a document (in any format) that clearly states your term of employment and employment status. Such document must have been created by the head of your workplace (person in a position equivalent to human resources manager) specifically to meet the application requirement regarding employment. If you are not an employee, ask a third party, such as the person in charge of an industry association, who prove the actual working conditions.</p>

\* 1 If the submitted documents are incomplete, they will not be accepted. No changes or additions to the application documents after acceptance are permitted.

\* 2 For documents that are not in Japanese or English, a Japanese or English translation of the document must be attached.

\* 3 If the application contents are not true, you cannot take the examination. In addition, even after announcing successful applicants or after enrollment, we may cancel or cancel enrollment.

\* 4 With respect to submitted documentation, especially graduation certificates and official academic transcripts, issuers or other related org anizations will be contacted for confirmation if necessary. In addition, you may be asked to submit additional documents.

\* 5 Submit one original and one copy of your official score sheet or transcript. (Copies are A4 size. Black and white copies are acceptable.) In addition, please submit one original in a clear file of A4 size. The original will be returned.

\* 6 Tokyo University of Marine Science and Technology manage the above personal information

responsibly.

<b>PROCESS 5</b>	<b>Printing of Applicant's ID Card for examination</b>
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Please log in to the Internet application system and print out your Applicant's ID Card during the period in which the Applicant's ID Card can be printed. Please note that the Applicant's ID Card will not be sent from the University, so please print it out on your own. In addition, information such as the examination schedule will be displayed, so please read it carefully.

Date and time when the Applicant's ID Card can be printed  
: Around 13:00 on Wednesday, July 26, 2023

[Notes on the Applicant's ID Card]

- After printing the Applicant's ID Card, be sure to check the contents. If it is different from the registered application or if you can't print, please contact the entrance examination inquiries (Admissions Section II : n-nyusi2@o.kaiyodai.ac.jp) by Wednesday, August 2, 2023 .
- The "Receptionnumber" displayed in PROCESS 2 is not the examination number. On the day of the examination, you will not be able to take the exam with your "Reception number".
- On the day of the examination, the Applicant's ID Card displayed on a smartphone etc. screen is not allowed. Be sure to bring a printed Applicant's ID Card.

**※There is a possibility that the Admission schedule and Examination Method will be changed.**

## 6. Examination Method

### Admission for international students:

#### (1) Examination Subjects

Course	Written Examination			Oral Examination
	Basic Subject	Special Subject	Foreign Language	
i) Course of Marine Life Sciences	Please see Table 2	Special subject of the prospective supervisor who gave consent to take the examination Please see Prospectus of Supervisor's Field in Master's Course	Japanese or English	(1) Details of graduation thesis or past business achievements (2) Reason for application (including a research plan) (3) Ability to express himself/herself, commitment to research
ii) Course of Food Science and Technology				
iii) Course of Marine Resources and Environment				
iv) Course of Marine Policy and Management				
v) Course of Marine System				

Engineering vi) Course of Maritime Technology and Logistics				
vii) Course of Safety Management in Food Supply Chain		Applicants should select one subject from: 1. Food Science 2. Quality and safety Management 3. Food Supply Chain Management and Logistics.		

Applicants are evaluated on the basis of a written examination, oral examination, official academic transcripts, and other submitted documents.

All international applicants have the option of writing their answers in English or in Japanese, except for in the “Foreign Language” section of the examination.

Please note that all questions are written in JAPANESE in the “Foreign Language” section of the examination. Even if you select English as the language used for the exam in other subjects, some majors may conduct the "oral exam" in Japanese.

Optional examination subject cannot be changed after application is submitted.

## (2) Date and Place of Examination

	Basic Subject	Special Subject	Foreign Language	Oral Examination	Location
Date and Place	August 17, 2023 (Thursday) 10:00 to 11:30 a.m.	August 17, 2023 (Thursday) 1:00 to 2:30 p.m.	August 18, 2023 (Friday) 10:00 to 11:30 a.m.	August 18, 2023 (Friday) 1:00 p.m.	Shinagawa Campus

**Table 2**

Master's Course	Basic Subject
Course of Marine Life Sciences	Exam coverage: broad questions related to the fields of Aquatic Biosciences, Fisheries Biology, and Marine Bio-engineering will be used to evaluate basic knowledge and comprehension of field-specific terminology related to the Course of Marine Life Sciences.

Course of Food Science and Technology	Examination question topics: Food Chemistry, Food Microbiology, Food Technology, and Food Physico-Chemistry. (Note1)
Course of Marine Resources and Environment	At the entrance examination, each examinee has to select three subjects from the following five subjects which are the basis of the Course of Marine Resources and Environment. He/she has to answer questions about relevant keywords in the selected subjects. (Note 2) <ul style="list-style-type: none"> <li>• Mathematics • Physics • Chemistry • Biology</li> <li>• Earth Science</li> </ul>
Course of Marine Policy and Management	For those applying in the fields of Marine Policy, Marine Management, or Marine Environment and Culture, a basic understanding of our course is required to be evidenced by way of written explanation.
Course of Marine System Engineering	The following fundamental questions of mathematics and physics will be on the examination. <ul style="list-style-type: none"> <li>• Mathematics (linear algebra, differential and integral calculus, ordinary differential equations, fundamentals of statistics)</li> <li>• Physics (mechanics, thermodynamics, electromagnetism, fundamentals of electronic circuits)</li> </ul>
Course of Maritime Technology and Logistics	The scope of the examination is about the ability to perform theoretical analysis and basic knowledge related to the following areas in general: 1. Information Systems Engineering; 2. Environmental Systems Engineering; 3. Marine Technology; 4. Logistics Systems Engineering; 5. Logistics Management and Economics; 6. Marine Safety Technology; 7. Mathematics (Linear Algebra, Calculus, Ordinary Differential Equations).
Course of Safety Management in Food Supply Chain	Basic understanding of food safety issues is required to be evidenced by way of written explanation.

(Note1): Basic understanding is required to be evidenced by written explanation within several sentences on each specialist field.

- Food Chemistry: fish protein, fish lipid, extractive components and tastes of fish and shellfish, ATP-related compounds and freshness estimation of fish and shellfish, odor compounds and freshness estimation of fish and shellfish, pigments of fish and shellfish, food energy of the three major nutrients, nutritional function of vitamin C.

- Food Microbiology: gram-positive and -negative bacteria, acid and microbial growth, infectious food poisoning bacteria and toxin-producing food poisoning bacteria, 16S rRNA gene, *Clostridium botulinum*, *Campylobacter jejuni*, pathogenic *Escherichia coli*, *Norovirus*, *Salmonella*.
- Food Technology: thermal conductivity and heat transfer coefficient, radiation heat transfer, latent heat and sensible heat, Fourier's law of heat conduction, Bernoulli's principle, Newton's law of viscosity, laminar flow and turbulent flow, F-value of thermal sterilization.
- Food Physico-Chemistry: monolayer adsorption, gelation, stability of emulsion, free energy and chemical potential, free energy and phase transition, entropy and hydrophobic interaction, Fick's first law of diffusion, Arrhenius equation.

(Note 2): Each subject with its relevant keywords

- Mathematics: Partial derivative; Taylor expansion; Multiple integral; Maxima and minima of a multivalued function; Inner product and vector product; Inverse matrix; System of linear equations; Determinant; Logistic equation
- Physics: Units and dimensions; Law of motion; Viscous resistance and inertial resistance; Damped oscillation; Conservation of energy; Conservation of angular momentum; Moment of inertia; Characteristics of sound waves; Characteristics of electromagnetic waves
- Chemistry: Definition of acid; Dipole moment and molecular structure; Gibbs energy change; Chemical oxygen demand (COD); Chromatography; IUPAC nomenclature; Electrophilic substitution reaction; Monosaccharides, disaccharides, polysaccharides (Sugars); Isomer; Amino acids and peptides
- Biology: Food web; Biological accumulation; Bioturbation; Osmoregulation; Biological pump; Biological indicator; Aerobic and anaerobic; Cyanobacteria; ATP; Gene expression
- Earth Science: Plate tectonics; Geological time scale; Sea-level change; Resources of the Sea Floor; Gravity/Geomagnetism; Coriolis force; Atmospheric/ocean circulation; Radiation equilibrium; Natural disasters associated with volcanic activity and earthquakes; Layered structure of terrestrial planets

(From the entrance examination held in August 2023, the following two subjects will no longer be included in the subjects to be selected.

- Engineering I • Engineering II)

**Special admission for full-time employees:**

Applicants are evaluated comprehensively on the basis of an academic ability (essay and oral) examination, business performance, official academic transcripts, and other submitted documents.

(1) Examination Subjects

Course	Essay	Oral Examination
i) Course of Marine Life Sciences	Matters related to the special subject of the prospective supervisor who gave consent to take the examination Please see Prospectus of Supervisor's Field in Master's Course	(1) Details of graduation thesis or past business achievements (2) Reason for application (including a research plan) (3) Ability to express himself/herself, commitment to research
ii) Course of Food Science and Technology		
iii) Course of Marine Resources and Environment		
iv) Course of Marine Policy and Management		
v) Course of Marine System Engineering		
vi) Course of Maritime Technology and Logistics		
vii) Course of Safety Management in Food Supply Chain "special selection-A"		
viii) Course of Safety Management in Food Supply Chain "special selection-B"		

(2) Date and Place of Examination

	Classification	Essay	Oral Examination	Location
Date and Place	Special admission for full-time employees and "special selection-A"	August 18, 2023 (Friday) 10:00 to 11:30 a.m.	August 18, 2023 (Friday) 1:00 p.m.	Shinagawa Campus
	"special selection-B"		August 18, 2023 (Friday) 1:00 p.m.	



## 7. Enrollment Date

- October 1, 2023 (Sunday) or April 1, 2024 (Monday) .

## 8. Enrollment Procedures

- September 8, 2023 (Friday) - September 19, 2023 (Tuesday) .  
Details will be mailed together with the notification of acceptance.

## 9. Notification of Results

The results of the entrance exams for the graduate course will be published online (<https://www.kaiyodai.ac.jp>) on September 5, 2023(Tuesday) at approximately 10:00 a.m. Successful applicants will also be notified by mail with the necessary forms for admission enclosed. Details of results will not be provided by telephone or other means. We will send a notification of acceptance and documents necessary for admission to the applicant.

## 10. Admission and Tuition Fees

- (1) Entrance examination fee: ¥30,000
- (2) Admission fee: ¥282,000
- (3) First semester tuition fee: ¥267,900  
(Annual tuition fee: ¥535,800)

Note: In the event of any revision to admission or tuition fees, the revised fee will take effect immediately for every student enrolled.

- (4) Text fee, practical subject fee, Personal Accident Insurance fee for Students Pursuing Education and Research(PAS), and so on.

## 11. Prior Consultation for Applicants with Disabilities

If you have a disability, etc. that requires special consideration in regard to taking examinations or pursuing your studies after enrollment, please notify Admissions Section II of the Admissions Division no later than May 18, 2023 (Thursday).

If further consultation is deemed necessary, it will be organized as follows.

- (1) Consultation date: A date specified by the University up to May 25, 2023 (Thursday).
- (2) Consultation method: The applicant will be asked to submit a Consultation Application Form, diagnosis, etc. If necessary, a consultation session with the applicant or his/her representative will be held at the University.

## 12. Inquiries

If you have any questions concerning application or admission, please contact:

Admissions Section II of the Admissions Division  
Graduate School of Marine Science and Technology  
Tokyo University of Marine Science and Technology  
4-5-7 Konan, Minato-ku, Tokyo 108-8477, Japan  
E-mail: n-nyusi2@o.kaiyodai.ac.jp

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)	
Marine Life Sciences	Aquatic Bioscience	Developmental Biotechnology	YOSHIZAKI Goro	goro	
		Developmental Biotechnology	YAZAWA Ryosuke	ryazawa	
		Developmental Biotechnology	MORITA Tetsuro	tmorit0	
		Fish Pathology	SANO Motohiko	msano00	
		Fish Pathology	KATO Goshi	gkato00	
		Aquatic Molecular Genetics	SAKAMOTO Takashi	takashis	
		Aquatic Animal Nutrition	HAGA Yutaka	haga	
		Aquatic Animal Nutrition	KABEYA Naoki	naoki.kabeya	
		Aquatic Bioculture	SAKAMOTO Takashi	takashis	
		Aquatic Bioculture	ENDO Masato	asteroid	
		Applied Phycology	NIWA Kyosuke	kniwa00	
	(Cooperated laboratory)	Reproductive Physiology of Fish	IMAMURA Shintaro	※ 1	
		Reproductive Physiology of Fish	KAZETO Yukinori	※ 1	
		Reproductive Physiology of Fish	OZAKI Yuichi	※ 1	
	Fisheries Biology	Applied Conservation Biology	STRUSSMANN Carlos A	carlos	
		Applied Conservation Biology	YAMAMOTO Yoji	yyamam0	
		Population Biology	YOKOTA Masashi	yokota	
		Stock Enhancement Ecology	HAMASAKI Katsuyuki	hamak	
		Stock Enhancement Ecology	DAN Shigeki	sdan	
		Fishing Methodology	AKIYAMA Seiji	akiyama	
		Fishing System Analysis	SHIODE Daisuke	shiode	
		Population dynamics and management	KITAKADO Toshihide	kitakado	
		(Cooperated laboratory)	Population Dynamics	HORI Masakazu	※ 2
			Population Ecology	YONEZAKI Shiroh	※ 2
			Population Ecology	WATARI Shingo	※ 2
			Early Life Ecology of Fishery Resources	SASSA Chiyuki	※ 2
			Comparative Ecology of Fishery Resources	KURITA Yutaka	※ 2
Deep-Sea Biology			FUJIWARA Yoshihiro	※ 3	
Deep-Sea Biology	YOSHIDA Takao		※ 3		
Deep-Sea Biology	IKUTA Tetsuro	※ 3			
Deep-Sea Biology	TSUCHIDA Shinji	※ 3			
Marine Bio-Engineering	Genome Sciences of Fish and Shellfish	HIRONO Ikuo	hirono		
	Genome Sciences of Fish and Shellfish	KONDO Hidehiro	h-kondo		
	Toxicological Pathology	KATAGIRI Takayuki	takakata		
	Fish Pathophysiology	MAITA Masashi	mmaita		
	Fish Pathophysiology	FUTAMI Kunihiko	futami		
	Microbiological Chemistry	TERAHARA Takeshi	terahara		
	Microbiological Engineering	KOBAYASHI Takeshi	takeshik		
	(Cooperated laboratory)	Functional Biology of Aquatic Organisms	YAMASHITA Michiaki	※ 4	
Functional Molecular Biology and Genomics		SUZUKI Toshiyuki	※ 4		
Functional Molecular Biology and Genomics		YASUIKE Motoshige	※ 4		

※1 Contact person of supervisor : SANO Motohiko (msano00@)

※2 Contact person of supervisor : SHIODE Daisuke (shiode@)

※3 Contact person of supervisor : YOKOTA Masashi (yokota@)

※4 Contact person of supervisor : HIRONO Ikuo (hirono@)

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Food Science and Technology	Food Science	Physical Chemistry in Polymer Solution	MATSUKAWA Shingo	matsukaw
		Food Texture	TAKAHASHI Kigen	kigen
		Physiology and Toxicology	KOYAMA Tomoyuki	tskoyama
		Food Microbiology	KUDA Takashi	kuda
		Control of Food Spoilage and Pathogenic Microorganisms	TAKAHASHI Hajime	hajime
		Food Functional Chemistry	GOTOH Naohiro	ngotoh
		Food Hygienic Chemistry	KUROSE Kouichi	kkuros0
		Chemistry of Harmful Substances in Foods	SHIMAKURA Kuniyoshi	kunisan
		Aquatic Material Biochemistry	ISHIZAKI Shoichiro	ishizak
	Advanced Food and Nutrition	NAGASAKA Reiko	rnagas0	
	Food Technology	Thermal Processing of Food	FUKUOKA Mika	fukuoka
		Thermal Processing of Food	LLAVE Perez Yvan Antonio	pllave1
		Food Process Engineering	HAGIWARA Tomoaki	tomoaki
		Food Process Engineering	SHIBATA Mario	mshiba0
Food Refrigeration		WATANABE Manabu	mwat	
Food Processing Technology	OSAKO Kazufumi	osako		

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)	
Marine Resources and Environment	Ocean Sciences	Biogeochemical Processes	HASHIHAMA Fuminori	f-hashi	
		Aquatic Inorganic Chemistry	TAKAHASHI Miho	mihotnk	
		Biogeochemistry of Marine Systems	KAWAI Michiyo	michiyo	
		Seafloor Biogeochemistry	YAMANAKA Toshiro	t.yamanaka	
		Seafloor Geochemistry	DEKOV Vesselin M	vdekov0	
		Environmental Microbiology	MAKITA Hiroko	makita	
		Dynamical Oceanography	KITADE Yujiro	ykitade	
		Ocean Ecosystem Dynamics	NAGAI Takeyoshi	tnagai	
		Global Climate Change	SHIMADA Koji	koji	
		Ocean Remote Sensing	MIZOBATA Kohei	mizobata	
		Advanced Environmental Measurement	ARAKAWA Hisayuki	arakawa	
		Environmental Mathematics	NAKASHIMA Kimie	nkimie	
		Mathematical Analysis for Ocean Science	OHNAWA Masashi	mohnaw0	
		Mathematical Analysis for Fluid Dynamics	MORI Naofumi	nmori00	
		Advanced Fish Biology	MOTEKI Masato	masato	
		Systematics of Algae	KAMIYA Mitsunobu	mkamiy0	
		Invertebrate Systematics	TSUCHIYA Kotaro	kotaro	
		Invertebrate Ecology	KON Koetsu	kon	
		Functional Planktology	KATANO Toshiya	tkatan0	
		Biological Oceanography	MAKABE Ryosuke	rmakab0	
		Environmental Ecology	ISHII Haruto	ishii	
		Marine biological resource ecology	SUZUKI Naoki	naoki	
		Marine Mammalogy	MURASE Hiroto	hmuras0	
		Cetacean morphology	NAKAMURA Gen	gnakam1	
		Marine Biorganic Chemistry	NAGAI Hiroshi	nagai	
		Chemical Ecology	KAMIO Michiya	mkamio	
		Molecular Biochemistry	ISHIDA Masami	ishida	
		Structural Biochemistry	OKAI Masahiko	mokai01	
	Application of biocatalysis	ENDO Hideaki	endo		
	Application of biocatalysis	WU Haiyun	wuhaiyun		
	Marine Resources and Energy	Ocean Floor Geoscience	Marine Geology	NAKAHIGASHI kazuo	knakah0
			Nearshore Environmental Engineering	FURUYAMA Seishiro	sfuruy1
			Nearshore Environmental Engineering	OKAYASU Akio	okayasu
			Nearshore Environmental Engineering	INAZU Daisuke	dinazu0
Nearshore Environmental Engineering			WU Lianhui	lwu	
Marine and Fishery Mechanics			TODA Masayoshi	toda	
Marine Acoustics			AMAKASU Kazuo	amakasu	
Applied Information Engineering			MIYAMOTO Yoshinori	miyamoto	
Applied Information Engineering			UCHIDA Keiichi	kuchida	
Industrial and Applied Mathematics for Environment			UENO Kimihiko	ueno	
Marine Geotechnical & Geological Engineering			TANI Kazuo	ktani00	
Marine Geotechnical & Geological Engineering			NOMURA Shun	snomur0	
Energy Device Engineering			IDA Tetsuya	tida000	
Marine Meteorology			Yuko Takeyama	ytakey0	
International Marine Management			FUCHIDA Shigeshi	sfuc001	
(Cooperated laboratory)		Coastal Production Environments	INOUE Nariaki	※5	
	Fisheries Environment Technology	(Undecided)	※5		

※5 Contact person of supervisor : AMAKASU Kazuo (amakasu@)

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Marine Policy and Management	Marine Policy	Marine Economic Policy	LOU Xiaobo	lou
		Marine Economic Policy	NAKAHARA Naotomo	nakahara
		Methodology for Wise Use of Coastal Area	KUDO Takafumi	kudot
		Ocean Literacy	SASAKI Tsuyoshi	t-sasaki
		Economic History of the Sea	TAKAHASHI Chikashi	ctakah0
		Coastal Regional Development	OISHI Taro	toishi0
		Institution of Marine Resource Utilization	MATSUI Takahiro	tmatsu2
		International Cooperation	HARADA Sachiko	sharad0
		Marine and Environmental Policy	WAKAMATSU Mihoko	mwakam0
	Marine Management	Marine Ecosystem Management	Marine Ecosystem Management	SUZUKI Naoki
Fisheries Stock Assessment			KITAKADO Toshihide	kitakado
Coastal Zone Conservation			KAWABE Midori	kawabe
Geophysical Research for the Sea Bed Energy and Mineral Resources			TSURUGA Kayoko	tsuru
Marine Environment and Culture	Marine Health Sciences	Marine Health Sciences	TAMURA Yuji	tamura
		Marine Sport Sciences	CHIASHI Koichi	chiashi
		Environmental Education	HATAKEYAMA Dai	dhat001
		Science and Literature	HIDAI Haruko	h-hidai
		Applied Ethics	HAGIWARA Yuki	yhagiw0
		Science, Technology and Society	KAKIHARA Yasushi	ykakihar
		Marine Ecoliterature	OHNO Misa	misa
		Multi-Cultural Studies	KOGURE Shuzo	skogure
		Contact Linguistics	IMAMURA Keisuke	kimamu0

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Marine System Engineering	Power System Engineering	Internal Combustion Engine System Engineering Electric Power Conversion Power and Energy Technology Power and Energy Technology	SASAKI Hidetsugu KIFUNE Hiroyasu HAZUKU Tatsuya IHARA Tomonori	hisasaki kifune hazuku ihara
	Marine Mechanical Engineering	Advanced tribology Applied Mechanics for Machinery Engineering Materials Energy Conversion Engineering Energy Conversion Engineering Micro Mechanics Computational Physics Structural & Functional Materials	JIBIKI Tatsuhiro FUJINO Toshikazu MOTODA Shinichi INOUE Norihiro JIGE Daisuke TANAKA Kentaro YOSHIOKA Satoshi MORITA Motoaki	jibiki tfujin0 motoda inoue djige00 kentaro yoshioka mmorit0
	Marine Cybernetics	Robot System Engineering Underwater robotics Control System Engineering Electronic control system engineering Functional devices technology Functional devices technology Information and Communication Engineering Atmospheric and Environmental Physics Instrumentational Material Science	SHIMIZU Etsuro GOTOH Shinpei KOIKE Masakazu TAHARA Junichiro OHNUKI Hitoshi SHIBATA Takayuki OHSHIMA Kohta SEKIGUCHI Miho FUJITA Wataru	shimizu sgoto00 mkoike0 jtahar0 ohnuki tshiba0 kxoh miho wfujit0
	Marine Exploring and Utilization (Cooperated laboratory)	Engineering of Underwater Vehicles Underwater Acoustics Floating Body Utilization Engineering	ISIBASHI Shojiro OCHI Hiroshi OSAWA Hiroyuki	※ 6 ※ 6 ※ 6

※ 6 Contact person of supervisor : SHIMIZU Etsuro (shimizu@)

Prospectus of Supervisor's Field in Master's Course

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Maritime Technology and Logistics	Information Systems Engineering	Underwater Technology	KONDO Hayato	hkondo
		image information processing	FURUYA tadasuke	tfuruya
		Radio Wave Systems for Information Gathering	MURAI Koji	kmurai0
		Advanced Route Planning	TAMARU Hitoi	tamaru
		IT Business and Civil Liability	KANEOKA Kyoko	kaneoka
		Laws of Marine Transport System	HENMI Shin	shenmi0
		Health Care and Marine	FUKUDA Naoko	nfukuda
		Language Information Processing	UCHIDA Yoko	uchidayo
		Advanced Navigation Information	KAYANO Jun	kayano
		Navigation Support System	NISHIZAKI Chihiro	cnishi0
	Environment System Engineering	Lecture on Environmental Predictions	IWASAKA Naoto	iwasaka
		Lecture on Environmental Analysis	KOBASHI Fumiaki	kobashi
		Fault-tolerant Control	SUYAMA Koichi	suyama
		Marine Anthropology	IWABUCHI Akifumi	iwabuchi
	Marine Technology	Propulsive Dynamics of Floating Body	MASUDA Mitsuhiro	masuda
		Design on Ship-handling System	UCHINO Akiko	uchino
		Design on Ship-handling System	ISHIBASHI Atsushi	isibasi
		Mobile Communication System	KUBO Nobuaki	nkubo
		International Safety Management at Sea	MINAMI Kiyokazu	minami
		Naval Architecture	MINAMI Kiyokazu	minami
Ship Maneuvering System Engineering		OKAZAKI Tadatsugi	okazaki	
Ship's Safety and Operation Management		TAKEMOTO Takahiro	takemoto	
Marine Safety Technology (Cooperated laboratory)	Inertial Sensor Systems	FUKUDA Gen	gfukud0	
	Maritime Transport and Ship Performance	(Undecided)	※7	
	Marine Safety and Propulsion System	(Undecided)	※7	
	Marine System's Safety	MASANOBU Sotaro	※7	
	Traffic Control Engineering	(Undecided)	※8	
	Navigation Electronics	SAKAI Takeyasu	※8	
Logistics System Engineering	Navigation Electronics	YONEMOTO Naruto	※8	
	Security Management of Intermodal Transportation	WATANABE Yutaka	ywatana	
	Supply Chain Optimization	KUBO Mikio	kubo	
	Logistics Engineering	HASHIMOTO Hideki	hhashi0	
	Advanced Transportation Planning	HYODO Tetsuro	hyodo	
	Advanced Transportation Planning	SAKAI Takanori	tsakai2	
	Logistics Design	KUROKAWA Hisayuki	kurokawa	
	Mathematical Sciences	KONNO Hitoshi	hkonno0	
	Applied Analysis	TAKENAWA Tomoyuki	takenawa	
	Mathematical Informatics	SEKIGUCHI Yoshiyuki	yoshi-s	
Logistics Management and Economics	Discrete Mathematics	MOTEGI Kohei	kmoteg0	
	Spatial Information Engineering	WATANABE Daisuke	daisuke	
	logistics information system	ASO Toshimasa	toshimasa_aso	
	Industrial Organization	OKUMURA Yasunori	yokumu0	
	Transport Economics and Management	ENDO Nobuaki	nendo	
	Lecture on the Industrial Structure	NAKAGAWA Yuji	rusnaka	

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※8 Contact person of supervisor : KUBO Nobuaki (nkubo@)

Prospectus of Supervisor's Field in Master's Course

Course	Subjects	Instructor
Safety Management in Food Supply Chain※9	Introduction to Food Safety Management System	HAMADA Naoko
	Consumer in Food Safety Risk Communication	SHINTANI Kikuo
	HACCP I	MATSUMOTO Takashi
	HACCP II	MATSUMOTO Takashi
	Food Hygienic Chemistry	KOBAYASHI Yukihiko
	Basic Food Microbiology	KUDA Takashi
	Food Safety Management of Agricultural and Livestock Production	HIRANO Noriyo MATSUMOTO Takashi
	Food Safety Management of Fisheries Products	FUTAMI Kunihiko
	QC Practices in Food Manufacturing	SHINDO Hirokatsu
	Principles of Logistics	KUROKAWA Hisayuki
	Food Supply Chain Management	NAKAGAWA Yuji
	Best Practices of Logistics in Food Supply Chain	HAYAKAWA Norio
	Food Traceability System Management	OGAWA Mikako
	International Food Supply Chain Management	LOU Xiaobo
	Financial Accounting	SAKAI Shoko
	Business Law	KANDEL Bishwa Raj
	Risk Management	KAWAMURA Kimito
	Risk Analysis Management	TANAKA Eiji
	Politics and Statute on Food Safety Administration	MATSUMOTO Takashi
	Information Management in Food Supply Chain	OGAWA Mikako
	Social Communication	NABATAME Tomomi
	Carrier Development Plan	HAMADA Naoko
	Epidemiology	INOUE Izumi
	Information Technology	OGAWA Mikako
	Statistical Decision Making	SHIBATA Mario
	Case Workshop I on Safety Management in Food Supply Chain	OGAWA Mikako
	Case Workshop II on Safety Management in Food Supply Chain	YAMAGUCHI Haruko
	Case Workshop III on Safety Management in Food Supply Chain	KANATANI Katsuhiko
	Case Workshop IV on Safety Management in Food Supply Chain	MORITA Maki
	Case Workshop V on Safety Management in Food Supply Chain	MATSUMOTO Takashi
	Case Workshop VI on Safety Management in Food Supply Chain	MAITA Masashi
	Case Workshop VII on Safety Management in Food Supply Chain	NAKAGAWA Yuji
	Practices of HACCP	MATSUMOTO Takashi
Seminar of Monitoring Method for Food Hazard	HAMADA Naoko	
	FUJITA Takashi KOBAYASHI Yukihiko	
Field Study in Farms and Manufacturers	OGAWA Mikako	
Research on Safety Management in Food Supply Chain	Teaching Staff in the field	
Future Business Model in Food Supply Chain	Teaching Staff in the field	
Food Safety Management System	ISHIOKA Yoshiyuki	
	TANAKA Chikako	

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