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Application for Graduate School Doctoral Course

## Doctoral Course

(Admission for only those who plan to proceed to the Doctoral Course  
after completing the Master's Course at the TUMSAT)

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October 2025

and

April 2026



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

## Doctoral Courses for International Students

TUMSAT offers the following two Doctoral degree course programs for international students. Graduates are awarded either a Doctor of Marine Science degree or a Doctor of Engineering degree from TUMSAT.

### Doctoral Course:

1. Course of Applied Marine Biosciences
2. Course of Applied Marine Environmental Studies

The programs specialize in the following study areas:

#### Course of Applied Marine Biosciences

- 1) Applied Bioscience
- 2) Advanced Food Science and Technology
- 3) Applied Bio-engineering

#### Course of Applied Marine Environmental Studies

- 1) Marine Ecosystem Studies
- 2) Ocean Science and Technology
- 3) Applied Ocean Engineering
- 4) Marine Safety Technology
- 5) Logistics Engineering
- 6) Marine Machinery and Systems
- 7) Industrial Policy and Culture
- 8) Marine Exploring and Utilization

### 《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 cases 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》

Measures for those with influenza or other infectious diseases

★ Precautions regarding infectious diseases subject to suspension of attendance under the School Health and Safety Act:

On the day of the examination, examinees who have an infectious disease (influenza, measles, new coronavirus infection, etc.) for which attendance is suspended under the School Health and Safety Act and have not yet recovered will not be allowed to take the examination, as there is a risk of infection among other examinees and supervisors. However, this does not apply to those who have been certified by a school physician or other physician as having no risk of infection due to their medical condition.

Please note that the University will not conduct a follow-up examination or refund the entrance examination fee due to the above-mentioned reasons.

All examinees are requested to take good care of their health and prevent infection so that they will be in perfect physical condition on the day of the examination.

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

## ©Admission policy

### Doctoral Course:

In the doctoral 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.

### Course of Applied Marine Biosciences:

We seek students who aim for solutions to various issues pertaining to applied bioscience, such as living marine resources and food resources, and furthermore the conservation and sustainable utilization of same, who are interested in research into the elucidation of the functionality of these or the elucidation or utilization of the characteristics and processes of biological activities, and who also have the drive to set themes pertaining to them by themselves and to be able to develop solutions and applications.

### Course of Applied Marine Environmental Studies:

We seek students who have the ability to arrive at solutions to issues by means of addressing them using multilateral thinking, with regard to state-of-the-art science and technology pertaining to technologies for the investigation and conservation/restoration of marine environments and the highly efficient use of logistics and energy in marine transportation and harbors, from the viewpoint of understanding, conserving and using the oceans.

## 1. Number of Places Available

### ●For enrollment in October 2025

Course	No. of places
Course of Applied Marine Biosciences	Some
Course of Applied Marine Environmental Studies	Some

### ●For enrollment in April 2026

Course	No. of places
Course of Applied Marine Biosciences	19
Course of Applied Marine Environmental Studies	21

Note: The number of places indicates the total maximum number of students that will be admitted to the course, including those proceeding to the course from a Master's Course undertaken at the University as well as those admitted by passing the general admission, the admission for international students, and the special admission for full-time employees.

## 2. Admission Requirements

Only those who are enrolled in the Master's Course at the Tokyo University of Marine Science and Technology (Graduate School of Marine Science and Technology) and who meet both of the following two requirements can apply for the examination.

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) Plan to proceed to the Doctoral Course after completing the Master's Course at the University
- (2) Are expected to obtain a Master's degree in September 2025 for enrollment in the Doctoral Course in October 2025, and in March 2026 for enrollment in the Doctoral Course in April 2026.

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

### 3. Application period

June 17, 2025 (Tuesday) - June 20, 2025 (Friday) 4:30p.m.
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#### Notes on application

- (1) After the application is completed, application contents cannot be changed.
- (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.

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

Learning and Education Application Service Support Center  
( Operating company : Career-tasu, Inc.)  
E-Mail: cvs-web@career-tasu.co.jp

#### ◆Contact information for entrance examination◆

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

#### Internet Application System Login

It is necessary to log in to the Internet application system to 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.

#### 4. 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.)

PROCESS 1	Advance preparation	Please be sure to check before applying for the Internet.
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PROCESS 2	Internet application registration	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. June 12, 2025 (Thursday) 10:00 a.m. -June 20, 2025 (Friday) 4:30 p.m.
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PROCESS 3	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.
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PROCESS 1	Advance preparation
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##### (1) PC operating environment

###### <Browser>

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

\* 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 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 10MB)

\* Examples of photos that cannot be used

Blurred, dark background, face turned sideways, multiple people appear, processed image (Processing that makes the eyes look bigger or changes the image of the person),, rephotographed developed photo, etc.

## **(5) Download the prescribed format**

Download the prescribed form (published on the University's website on Early May 2025), prepare the contents of the forms and convert them to PDF files (Summary of Master's thesis and Research Plan). 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) Application for password for exemption from examination fee**

If you apply for a doctoral program at a graduate school (Admission for only those who plan to proceed to the Doctoral Course after completing the Master's Course at the TUMSAT), you will not pay the examination fee. If you wish to make such a selection, please apply for the password for exemption from examination fee from the following URL by Monday, June 9, 2025.

<https://forms.office.com/r/nDQFQDVnQL>





**(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. In addition, please enter the password for exemption from examination fee.

\*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
①Summary of Master's thesis	350-word English-language summary of the research conducted in your Master's course (or 1,000 characters in Japanese) written on A4-size paper. Please include the name of the Course applied for and the applicant's name.
②Research Plan	In around 700 words in English or 2,000 characters in Japanese, describe the research you wish to undertake for your Doctoral Course in consultation with your supervisor. Use the prescribed form.

\* 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 Once accepted, application documents cannot be returned for any reason.

\* 4 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.

\* 5 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. A registration completion 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, 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 the Internet application registration is completed, the registered contents cannot be modified or changed, so be careful not to make a mistake.
- Face photo data may be resubmitted if it is judged to be inappropriate as an application photo.

<b>PROCESS 3</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 3:00 p.m. on Thursday, July 24, 2025

[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, July 30, 2025.
- The "Reception number" 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.

## 5. Examination Method

Applicants are evaluated on the basis of an oral examination of academic abilities, during which applicants will also be asked to make presentations about the submitted documents (summary of their Master's thesis and others).

### (1) Examination Subjects

Course	Oral Examination
i) Applied Marine Biosciences ii) Applied Marine Environmental Studies	Including making a presentation on the applicant's Master's thesis, etc.

### (2) Date and Place of Examination

	Oral Examination	Testing room, etc.
Date and Place	August 20, 2025 (Wednesday) the time specified for the course As shown above or the date and time specified for the course (sometime between August 13 and August 19)	Shinagawa Campus or Etchujima Campus or Implementation by web conferencing system

\*For details, we will contact the applicant from each course.

## 6. Enrollment Date

- October 1, 2025 (Wednesday) or April 1, 2026 (Wednesday).

## 7. Enrollment Procedures

- September 11, 2025 (Thursday) to September 18, 2025 (Thursday)  
Details will be mailed together with the notification of acceptance.

## 8. Notification of Results

The results of the entrance exams for the graduate course will be published online (<https://www.kaiyodai.ac.jp>) on September 9, 2025 (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.

## 9. Admission and Tuition Fees

- (1) Entrance examination fee: No entrance examination fees will be charged.
- (2) Admission fee: No admission fees will be charged.
- (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.

## 10. Cautions

In the event that an applicant who passed the examination does not obtain a Master's degree by the following date, that person will be unable to proceed to the Doctoral Course.  
[Deadline]

- For enrollment in October 2025: End of September 2025
- For enrollment in April 2026: End of March 2026

## 11. 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

## Course of Applied Marine Biosciences

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Applied Marine Biosciences	Applied Bioscience	Advanced Fish Physiology	YOSHIZAKI Goro	goro
		Advanced Fish Physiology	YAZAWA Ryosuke	ryazawa
		Advanced Aquatic Pathology	KATO Goshi	gkato00
		Advanced Aquatic Animal Nutrition and Aqua-feed Development	HAGA Yutaka	haga
		Advanced Aquatic Animal Nutrition and Aqua-feed Development	KABEYA Naoki	naoki.kabeya
		Advanced Fish Culture	SAKAMOTO Takashi	takashis
		Advanced Fish Culture	ENDO Masato	asteroid
		Advanced Applied Phycology	NIWA Kyosuke	kniwa00
		Advanced Population Biology	YOKOTA Masashi	yokota
		Advanced Population Biology	YAMAMOTO Yoji	yyamam0
		Advanced Stock Enhancement Biology	DAN Shigeki	sdan
		Advanced Theory of Fish Population Analysis	KITAKADO Toshihide	kitakado
		Advanced Fish Behavior Dynamics	AKIYAMA Seiji	akiyama
		Advanced Fishing System Technology	SHIODE Daisuke	shiode
	(Cooperated laboratory)	Advanced Reproductive and Behavioral Physiology of Fish	IMAMURA Shintaro	※1
		Advanced Reproductive and Behavioral Physiology of Fish	OZAKI Yuichi	※1
	(Cooperated laboratory)	Advanced Population Dynamics	YONEZAKI Shiroh	※2
		Advanced Population Dynamics	HORI Masakazu	※2
	(Cooperated laboratory)	Advanced Fisheries Ecology	KURITA Yutaka	※2
		Advanced Fisheries Ecology	SASSA Chiyuki	※2
	(Cooperated laboratory)	Advanced Deep Sea Biology	FUJIWARA Yoshihiro	※3
		Advanced Deep Sea Biology	YOSHIDA Takao	※3
		Advanced Deep Sea Biology	IKUTA Tetsuro	※3
	Advanced Food Science and Technology	Advanced Food Physical Chemistry	TAKAHASHI Kigen	kigen
		Advanced Chemistry of Functional Food	KOYAMA Tomoyuki	tskoyama
		Advanced Food Microbiology	KUDA Takashi	kuda
		Advanced Food Microbiology	TAKAHASHI Hajime	hajime
		Advanced Food Chemistry	GOTOH Naohiro	ngotoh
		Advanced Food Hygienic Chemistry	KUROSE Kouichi	kkuros0
		Advanced Biomolecular Chemistry	ISHIZAKI Shoichiro	ishizak
		Advanced Thermal Processing of Food	FUKUOKA Mika	fukuoka
		Advanced Thermal Processing of Food	LLAVE Perez Yvan Antonio	pllave1
		Advanced Food Processing Design	HAGIWARA Tomoaki	tomoaki
		Advanced Food Processing Design	SHIBATA Mario	mshiba0
		Advanced Food Refrigeration Technology	WATANABE Manabu	mwat
		Advanced Chemistry of Food Quality Designing	OSAKO Kazufumi	osako
	Applied Bio-Engineering	Advanced Genome Science	HIRONO Ikuo	hirono
		Advanced Genome Science	KONDO Hidehiro	h-kondo
		Advanced Genome Science	KOIWAI Keiichiro	koiwai
		Advanced Fish Health Management	FUTAMI Kunihiro	futami
		Applied Microbiology	KOBAYASHI Takeshi	takeshik
		Applied Microbiology	HAMADA Naoko	hsnaoko
		Comprehensive Risk Management in Food Supply Chain	HAMADA Naoko	hsnaoko
		Comprehensive Risk Management in Food Supply Chain	INOUE Izumi	iinoue0
		Comprehensive Risk Management in Food Supply Chain	NAGAI Yukie	ynag001
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	YAMASHITA Michiaki	※4
		Advanced Functional Biology of Aquatic Organisms	YASUIKE Motoshige	※4

## Course of Applied Marine Environmental Studies

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Applied Marine Environmental Studies	Marine Ecosystem Studies	Advanced Phycology	KAMIYA Mitsunobu	mkamiy0
		Advanced Planktology	KATANO Toshiya	tkatan0
		Advanced Aquatic Biogeochemistry	HASHIHAMA Fuminori	f-hashi
		Aquatic Ecochemistry	KAMIO Michiya	mkamio
		Advanced Marine Biochemistry	OKAI Masahiko	mokaio1
		Advanced Chemical Oceanography	KAWAI Michiyo	michiyo
		Advanced Chemical Oceanography	HASHIHAMA Fuminori	f-hashi
		Advanced Organic Geochemistry	YAMANAKA Toshiro	t.yamanaka
		Advanced Fish Biology	MOTEKI Masato	masato
		Advanced Invertebrate Biology	KON Koetsu	kon
		Advanced Population Ecology	SUZUKI Naoki	naoki
		Advanced Cetacean Ecology	MURASE Hiroto	hmuras0
	Ocean Science and Technology	Physical Oceanography	KITADE Yujiro	ykitade
		Physical Oceanography	MIZOBATA Kohei	mizobata
		Advanced Data Analysis for Ocean Science	SHIMADA Koji	koji
		Advanced Nearshore Environmental Engineering	INAZU Daisuke	dinazu0
		Advanced Marine and Fishery Mechanics	TODA Masayoshi	toda
		Applied Information System Engineering	MIYAMOTO Yoshinori	miyamoto
		Applied Information System Engineering	UCHIDA Keiichi	kuchida
		Special Lecture on Mathematical Engineering for Marine	UENO Kimihiko	ueno
		Lecture on Statistical Methods for Marine Engineering	KOBASHI Fumiaki	kobashi
		Advanced Ocean Floor Geoscience	NAKAHIGASHI kazuo	knakah0
		Advanced Marine Geotechnics	NOMURA Shun	nomura.shun
		Electronic Device Engineering	IDA Tetsuya	tida000
		Ocean Physical and Ecosystem Dynamics	NAGAI Takeyoshi	tnagai
		Environmental Mathematical Analysis	NAKASHIMA Kimie	nkimie
		Advanced Marine Observation System	AMAKASU Kazuo	amakas
	(Cooperated laboratory)	Advanced International Marine Management	FUCHIDA Shigeshi	sfuc001
		Advanced Fisheries Environment Technology	INOUE Nariaki	※5
	Applied Ocean Engineering	Intelligent Ocean Robotics	KONDO Hayato	hkondo
		Route Design Engineering	TAMARU Hitoi	tamaru
		Insurance Law of Maritime Safety Risk	KANEOKA Kyoko	kaneoka
		Satellite Positioning System	KUBO Nobuaki	nkubo
		Optimal Guidance and Control of Marine Vehicles	OKAZAKI Tadatsugi	okazaki
		Engineering on Offshore Structure	MASUDA Mitsuhiro	masuda
		Advanced Lecture on Marine Safety Management	MINAMI Kiyokazu	minami
		Man-Machine System	UCHINO Akiko	uchino
		Measuring in Ocean	MURAI Koji	kmurai0
		Knowledge and Information Systems	FURUYA Tadasuke	tfuruya
	Marine Safety Technology (Cooperated laboratory)	Advanced Navigation Support System	NISHIZAKI Chihiro	cnishi0
		Advanced Lecture on Maritime Transport and Ship Performance	(Undecided)	※6
		Advanced Marine Safety and Propulsion System Design	(Undecided)	
		Maritime Radio Communication and Surveillance Engineering	YONEMOTO Naruto	※7
		Maritime Radio Communication and Surveillance Engineering	SAKAI Takeyasu	※7

Course	Fields	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Applied Marine Environmental Studies	Logistics Engineering	Physical Distribution Engineering Advanced Algorithms for Logistics Advanced Applied Analysis Advanced Mathematical Informatics Advanced Spatial Information Engineering Industrial Organization and Policy in Transport Sector Advanced Industrial Organization Advanced Freight Transportation Planning	KUROKAWA Hisayuki HASHIMOTO Hideki TAKENAWA Tomoyuki SEKIGUCHI Yoshiyuki WATANABE Daisuke ENDO Nobuaki OKUMURA Yasunori SAKAI Takanori	kurokawa hhashi0 takenawa yoshi-s daisuke nendo yokumu0 tsakai2
	Marine Machinery and Systems	Advanced Robotics Marine System Control Engineering Environment Energy Engineering Environment Energy Engineering Material Surface Engineering Thermal Energy Equipment Engineering Advanced Molecular Device Micro-Nano Engineering Mathematical System Design Engineering Functional Material Engineering Atmospheric Radiation Machine Functional Element Engineering Heat transport phenomena Structural Materials Engineering Power Electronics Information and Communication Control Engineering	SHIMIZU Etsuro KOIKE Masakazu HAZUKU Tatsuya IHARA Tomonori JIBIKI Tatsuhiko INOUE Norihiro OHNUKI Hitoshi TANAKA Kentaro TAHARA Junichiro FUJITA Wataru SEKIGUCHI Miho FUJINO Toshikazu JIGE Daisuke MORITA Motoaki KIFUNE Hiroyasu OHSHIMA Kohta	shimizu mkoike0 hazuku ihara jibiki inoue ohnuki kentaro jtahar0 wfujit0 miho tfujin0 djige00 morita kifune kxoh
	Industrial Policy and Culture	Advanced Methodology for Wise Use of Coastal Area Human Adaptation Ecocriticism Ecocriticism Ecocriticism Advanced Study of Aquatic Marine Environmental Education Risk Communication in Food Supply Chain Social Studies of Science Social Studies of Science Business Management in Marine Industry Advanced Study of Marine Economic History Study of Regional Development Economics International Fishery Management Marine Sociolinguistics	KUDO Takafumi CHIASHI Koichi KOGURE Shuzo HIDAI Haruko OHNO Misa SASAKI Tsuyoshi OGAWA Mikako KAKIHARA Yasushi HAGIWARA Yuki NAKAHARA Naotomo TAKAHASHI Chikashi OISHI Taro MATSUI Takahiro IMAMURA Keisuke	kudot chiashi skogure h-hidai misa t-sasaki mogawa ykakihar yhagiw0 nakahara ctakah0 toishi0 tmatsu2 kimamu0
	Marine Exploring and Utilization (Cooperated laboratory)	Engineering of Underwater Vehicle Systems Advanced Underwater Acoustics Advanced Floating Body Utilization System Engineering	ISHIBASHI Shojiro OCHI Hiroshi OSAWA Hiroyuki	※8 ※8 ※8

※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@)

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

※6 Contact person of supervisor : MINAMI Kiyokazu (minami@)

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

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