
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)

April 2024

and

October 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

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》

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 April 2024

Course	No. of places
Course of Applied Marine Biosciences	15
Course of Applied Marine Environmental Studies	20

●For enrollment in October 2024

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

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 March 2024 for enrollment in the Doctoral Course in April 2024, and in September 2024 for enrollment in the Doctoral Course in October 2024.

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

3. Application period

November 30, 2023 (Thursday) - December 5, 2023 (Tuesday) 16:30

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 : Disco Inc.)
E-Mail: cvs-web@disc.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.
↓		
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. November 27, 2023 (Monday) 10:00 -December 5, 2023 (Tuesday) 16:30
↓		
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.

PROCESS 1	Advance preparation
------------------	----------------------------

(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 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 November 2023), 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 to the Admissions Division (n-nyusi2@o.kaiyodai.ac.jp) by email by Friday, November 17, 2023.

Please include your student ID number, name, and major in the email

(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
① Summary 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.
② Research 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.

PROCESS 3

Printing of Applicant's ID Card for examination

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 Thursday, December 21, 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 Friday, January 5, 2024.
- 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	Including making a presentation on the applicant's Master's thesis, etc.
ii) Applied Marine Environmental Studies	

(2) Date and Place of Examination

	Oral Examination	Testing room, etc.
Date and Place	February 1, 2024 (Thursday) the time specified for the course As shown above or the date and time specified for the course (sometime between January 25 and January 31)	Shinagawa Campus or Etchujima Campus Or Implementation by web conferencing system

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

6. Enrollment Date

- April 1, 2024 (Monday) or October 1, 2024 (Tuesday).

7. Enrollment Procedures

- For enrollment in April 2024 : From March 5, (Tuesday) to March 19, 2024 (Tuesday)
Details will be mailed together with the notification of acceptance.
- For enrollment in October 2024 : September,2024
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 March 1, 2024(Friday) 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 April 2024: End of March 2024
- For enrollment in October 2024: End of September 2024

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	SANO Motohiko	msano00
		Advanced Aquatic Pathology	KATO Goshi	gkato00
		Advanced Aquatic Animal Nutrition and Aqua-feed Development	HAGA Yutaka	haga
		Advanced Fish Culture	SAKAMOTO Takashi	takashis
		Advanced Fish Culture	ENDO Masato	asteroid
		Advanced Applied Phycology	NIWA Kyosuke	kniwa00
		Advanced Population Biology	STRUSSMANN Carlos A.	carlos
		Advanced Population Biology	YOKOTA Masashi	yokota
		Advanced Stock Enhancement Biology	HAMASAKI Katsuyuki	hamak
		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
	(Cooperated laboratory)	Advanced Reproductive and Behavioral Physiology of Fish	KAZETO Yukinori	※1
	(Cooperated laboratory)	Advanced Population Dynamics	YONEZAKI Shiroh	※2
	(Cooperated laboratory)	Advanced Population Dynamics	HORI Masakazu	※2
	(Cooperated laboratory)	Advanced Fisheries Ecology	KURITA Yutaka	※2
	(Cooperated laboratory)	Advanced Fisheries Ecology	SASSA Chiyuki	※2
	(Cooperated laboratory)	Advanced Deep Sea Biology	FUJIWARA Yoshihiro	※3
	(Cooperated laboratory)	Advanced Deep Sea Biology	YOSHIDA Takao	※3
	(Cooperated laboratory)	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 Chemistry of Functional Food	NAGASAKA Reiko	rnagas0
		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 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 Fish Health Management	MAITA Masashi	mmaita	
	Advanced Fish Health Management	KATAGIRI Takayuki	takakata	
	Advanced Fish Health Management	FUTAMI Kunihiko	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	
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	YAMASHITA Michiaki	※4
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	SUZUKI Toshiyuki	※4
	(Cooperated laboratory)	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-hash
		Advanced Aquatic Elemental Chemistry	TAKAHASHI Miho	mihotnk
		Aquatic Ecochemistry	KAMIO Michiya	mkamio
		Advanced Marine Biochemistry	OKAI Masahiko	mokaio1
		Advanced Application of Biological Function	ENDO Hideaki	endo
		Advanced Chemical Oceanography	KAWAI Michiyo	michiyo
		Advanced Chemical Oceanography	HASHIHAMA Fuminori	f-hash
		Advanced Organic Geochemistry	YAMANAKA Toshiro	t.yamanaka
		Seafloor Hydrothermal Systems	DEKOV Vesselin M	vdekov0
		Advanced Fish Biology	MOTEKI Masato	masato
		Advanced Invertebrate Biology	KON Koetsu	kon
	Advanced Population Ecology	SUZUKI Naoki	naoki	
	Ocean Science and Technology	Physical Oceanography	KITADE Yujiro	ykitade
		Physical Oceanography	MIZOBATA Kohei	mizobata
		Advanced Data Analysis for Ocean Science	SHIMADA Koji	koji
		Advanced Seminar in Environment Measurement	ARAKAWA Hisayuki	arakawa
		Advanced Nearshore Environmental Engineering	OKAYASU Akio	okayasu
		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
		Control System Design	SUYAMA Koichi	suyama
		Advanced Ocean Floor Geoscience	NAKAHIGASHI kazuo	knakah0
		Advanced Marine Geotechnics	TANI Kazuo	ktani00
		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	amakasu	
	(Cooperated laboratory)	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		
Natural Language Processing	UCHIDA Yoko	uchidayo		
Marine Safety Technology (Cooperated laboratory)	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	Advanced Transportation System Planning	HYODO Tetsuro	hyodo
		Advanced Supply Chain Optimization	KUBO Mikio	kubo
		Physical Distribution Engineering	KUROKAWA Hisayuki	kurokawa
		Advanced Algorithms for Logistics	HASHIMOTO Hideki	hashi0
		Advanced Applied Analysis	TAKENAWA Tomoyuki	takenawa
		Advanced Mathematical Informatics	SEKIGUCHI Yoshiyuki	yoshi-s
		Advanced Spatial Information Engineering	WATANABE Daisuke	daisuke
		Industrial Organization and Policy in Transport Sector	ENDO Nobuaki	nendo
	Marine Machinery and Systems	Advanced Robotics	SHIMIZU Etsuro	shimizu
		Marine System Control Engineering	KOIKE Masakazu	mkoike0
		Environment Energy Engineering	HAZUKU Tatsuya	hazuku
		Environment Energy Engineering	IHARA Tomonori	ihara
		Material Surface Engineering	JIBIKI Tatsuhiko	jibiki
		Advanced for Marine Environment	MOTODA Shinichi	motoda
		Thermal Energy Equipment Engineering	INOUE Norihiro	inoue
		Computational Fluid Dynamics	YOSHIOKA Satoshi	yoshioka
Industrial Policy and Culture	Advanced Molecular Device	OHNUKI Hitoshi	ohnuki	
	Micro-Nano Engineering	TANAKA Kentaro	kentaro	
	Mathematical System Design Engineering	TAHARA Junichiro	jtahar0	
	Functional Material Engineering	FUJITA Wataru	wfujit0	
	Atmospheric Radiation	SEKIGUCHI Miho	miho	
	Machine Functional Element Engineering	FUJINO Toshikazu	tfujin0	
	Heat transport phenomena	JIGE Daisuke	djige00	
	Structural Materials Engineering	MORITA Motoaki	morita	
Marine Exploring and Utilization (Cooperated laboratory)	Power Electronics	KIFUNE Hiroyasu	kifune	
	Engineering of Underwater Vehicle Systems	ISHIBASHI Shojiro	※8	
	Advanced Underwater Acoustics	OCHI Hiroshi	※8	
	Advanced Floating Body Utilization System Engineering	OSAWA Hiroyuki	※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 (amakasu@)

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

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

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