

Course Number	0 6 0 2 5
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2006 「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~

【1. Profile of the University】

①University Department	Tokyo University of Marine Science and Technology Graduate School of Marine Science and Technology		
②President	TAKAI Rikuo		
③Address (Headquarters)	4-5-7, Konan, Minato-ku, Tokyo, 108-8477, Japan		
④Contact	Division	International Student Section, Student Support Division, Student Affairs Department	
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⑤Web-Address	http://www.kaiyodai.ac.jp/		
⑥Enrollment (only Graduate School)	143	(include MEXT's Scholarship Students: 75)	

【2. Outline of the Course】

①Course	Intensive course of Doctoral Program in Marine Science and Technology for International Students
②Degree	Doctoral Course
③Graduate Course, Department	Graduate School of Marine Science and Technology Course of Applied Marine Biosciences
	(Address) 4-5-7, Konan, Minato-ku, Tokyo, 108-8477, Japan
④Collaboration (Universities, Graduate courses, Departments)	Graduate School of Marine Science and Technology, Course of Applied Marine Environmental Studies
⑤Quota	7 (include MEXT's Scholarship Students: 5) (include Japanese : a few)
⑥Faculties	148 (Fulltime:136 Fulltime (other department):12 Part time:0)
⑦Representative of the Course	Job Title: Graduate School of Marine Science and Technology, Professor
	Name: TAKEUCHI Toshio

【3. Contents of the Course】

Introduction

The graduate school of Tokyo University of Marine Science and Technology (TUMSAT), is the unique educational institution specializing in the marine sciences in our country. It endeavors to undertake comprehensive, interdisciplinary and progressive research and education in order to accept the challenges of our society with flexibility and sensitivity. We bring up specialists, researchers and technicians who have flexible initiative to correspond to new fields and different fields and can meet the needs of the international community. TUMSAT will join the International Antarctic Institute (IAI) from 2007 onwards. The doctoral program at TUMSAT consists of 2 specialties (course of Applied Marine Biosciences and course of Applied Marine Environmental Studies), totaling up to 14 special fields. Each faculty member gives lectures and a Special Lecture (including practice and lab hours). The doctoral program PGP requires students to complete 10 units in total, and each special field offers a 2-unit joint seminar as well as a 4-unit Special Lecture. In the joint seminar, students are required to give presentations of the research plans and interim reports of research progress, attend lectures given by guest lecturers who are the outstanding contributors in their fields, discussing with them about the interested topics. In addition, students are required to finish 4 units of two lectures. PGP is designed to enable students to cover the range of studies of all special fields in each specialty. Moreover, PGP provides personalized attention from a two-person team consisting of a main tutor and a sub-tutor. The PGP is designed to enable students to fulfill themselves under interdisciplinary and leading education and research guidance at the graduate school of TUMSAT in a period of 3 year (or 2 years at the minimum) leading to a Ph.D.

- (i) Course of Applied Marine Biosciences (Applied Bioscience, Advanced Food Science and Technology, Genome Science, Fish Health Management, Applied Microbiology, Nutraceuticals and Functional Foods Science)
- (ii) Course of Applied Marine Environmental Studies (Marine Ecosystem Studies, Ocean Science and Technology, Applied Ocean Engineering, Maritime Safety Technology, Logistics Engineering, Marine Machinery and Systems, Industrial Policy and Culture, Marine Exploring and Utilization)

Feature

The PGP program has established a special course of “Intensive course of Doctoral Program in Marine Science and Technology for International Students”, and is accepting formal applications for admission to this program leading to a Ph.D, mainly from those research institutes and Universities with which TUMSAT has concluded the agreements for academic and educational exchange and cooperation. This program is offered in English. The detailed information about admission to this program can be found on the website: www.kaiyodai.ac.jp/English/e-admissions/dsyje.html. The International Student Committee of TUMSAT will review all applications and select the candidates to be recommended to the MEXT. TUMSAT will support international students' everyday life as following: i) Japanese language classes are opened, ii) tutor system is established, iii) students of this course can stay in the International House of TUMSAT for the first 2 years, iv) the International Student Committee will support campus life of international students as consultants, v) Guidebook for International Students and paperwork support etc are available at the International Student Section, Student Support Division, Student Affairs Department of TUMSAT. In addition, a research grant for students from 11 Asian countries is available. Of course, all of the international students can use the field research center, 6 research and training vessels and other research facilities of TUMSAT.

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

Intensive course of Doctoral Program in Marine Science and Technology for International Students

**14 Research Fields in 2 Doctoral Courses
(Applied Marine Biosciences, Applied Marine Environmental Studies)
<http://www.kaiyodai.ac.jp/Japanese/info/english/index.html>**

TUMSAT is the only educational institution in the country specializing in the ocean sciences

Support system for international students

- * Tutor system will support your stay in Japan
- * The International Student Committee will support your campus life
- * Guidebook for International Students is available
- * A research grant for students from 11 Asian countries is available

Research facilities and cooperation

- * Field Research Center
- * 6 Training & Research Vessels
- * Cooperate with National research Institutes
- * A partner of the International Antarctic Institute (IAI)

System of Education & Research

- * Syllabus of graduate school is written in English
<http://www.kaiyodai.ac.jp/English/syllabus/index.html>
- * Some of the classes are taught in English
- * The School of Internet Asia will be authorized to confer credit for graduation
<http://www soi wide ad jp soi-asia/>
- * Internationally famous scientists will give seminars
- * Research assistant will support your PhD research
- * A travel grant for presentation of your research in an international symposium is available

TUMSAT aims to send out to the world students who have global vision and sensitivity, possess problem-solving capabilities and can become leaders of Marine Science and Technology

After graduation

International students will become leaders in universities or research institutions all over the world

To establish and build international collaborations