

## Course of Applied Marine Biosciences

Course	Specialization field	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
	(Cooperated laboratory)	Advanced Reproductive and Behavioral Physiology of Fish	OZAKI Yuichi	※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 Food Microbiology	KUDA Takashi	kuda
		Advanced Food Microbiology	TAKAHASHI Hajime	hajime
		Advanced Food Chemistry	GOTOH Naohiro	ngotoh
		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 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	
	Comprehensive Risk Management in Food Supply Chain	NAGAI Yukie	ynag001	
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	YAMASHITA Michiaki	※4
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	NAGAI Satoshi	※4
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	YASUIKE Motoshige	※4

## Course of Applied Marine Environmental Studies

Course	Specialization field	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 Planktology	MIYAMOTO Hiroomi	hmiy001
		Aquatic Ecochemistry	KAMIO Michiya	mkamio
		Advanced Marine Biochemistry	OKAI Masahiko	mokai01
		Advanced Applications of Biological Functions	WU Haiyun	wuhaiyun
		Advanced Chemical Oceanography	KAWAI Michiyo	michiyo
		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
		Physical Oceanography	TANAKA Yuki	ytan002
		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	UCHIDA Keiichi	kuchida
		Special Lecture on Mathematical Engineering for Marine	UENO Kimihiko	ueno
		Statistical Methods in Marine Engineering	HIRATA Hidetaka	hhir001
		Lecture on Statistical Methods for Marine Engineering	KOBASHI Fumiaki	kobashi
		Advanced Ocean Floor Geoscience	NAKAHIGASHI kazuo	knakaho
		Advanced Marine Geotechnics	TAKAHASHI Hidenori	htak001
		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
	Advanced International Marine Management	FUCHIDA Shigeshi	sfuc001	
	Advanced chemistry of marine energy resources	KOBAYASHI Atsushi	akob001	
	(Cooperated laboratory) Advanced Fisheries Environment Technology	INOUE Nariaki	※5	
	Applied Ocean Engineering	Intelligent Ocean Robotics	KONDO Hayato	hkondo
Route Design Engineering		TAMARU Hitoi	tamaru	
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	
Advanced Navigation Support System	NISHIZAKI Chihiro	cnishi0		
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	

Prospectus of Supervisor's Specialization field in Doctoral Course

Course	Specialization field	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Applied Marine Environmental Studies	Logistics Engineering	Physical Distribution Engineering	KUROKAWA Hisayuki	kurokawa
		Advanced Algorithms for Logistics	HASHIMOTO Hideki	hhashi0
		Advanced Applied Analysis	TAKENAWA Tomoyuki	takenawa
		Advanced Mathematical Informatics	SEKIGUCHI Yoshiyuki	yoshi-s
		Advanced Topics in Discrete Mathematics	MOTEGI Kohei	kmoteg0
		Advanced Spatial Information Engineering	WATANABE Daisuke	daisuke
		Industrial Organization and Policy in Transport Sector	ENDO Nobuaki	nendo
		Advanced Industrial Organization	OKUMURA Yasunori	yokumuo
		Advanced Transportation System Planning	SAKAI Takanori	tsakai2
	Advanced Statistical Science	TANOUE Yuta	ytan001	
	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 Tatsuhiro	jibiki
		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		
Power Electronics	KIFUNE Hiroyasu	kifune		
Information and Communication Control Engineering	OHSHIMA Kohta	kxoh		
Industrial Policy and Culture	Advanced Methodology for Wise Use of Coastal Area	KUDO Takafumi	kudot	
	Human Adaptation	CHIASHI Koichi	chiashi	
	Human Adaptation	FUJIMOTO Koichi	kfujim1	
	Ecocriticism	KOGURE Shuzo	skogure	
	Ecocriticism	HIDAI Haruko	h-hidai	
	Ecocriticism	OHNO Misa	misa	
	Advanced Study of Aquatic Marine Environmental Education	SASAKI Tsuyoshi	t-sasaki	
	Risk Communication in Food Supply Chain	OGAWA Mikako	mogawa	
	Social Studies of Science	KAKIHARA Yasushi	ykakihar	
	Social Studies of Science	HAGIWARA Yuki	yhagiw0	
	Business Management in Marine Industry	NAKAHARA Naotomo	nakahara	
	Advanced Study of Marine Economic History	TAKAHASHI Chikashi	ctakah0	
	Study of Regional Development Economics	OISHI Taro	toishi0	
International Fishery Management	MATSUI Takahiro	tmatsu2		
Marine Sociolinguistics	IMAMURA Keisuke	kimamu0		
Marine Exploring and Utilization (Cooperated laboratory)	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@)