Prospectus of Supervisor's Specialization field in Doctoral Course

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 Fish Physiology	MORITA Tetsurou	tmorito
		Advanced Fish Physiology	HAYASHI Makoto	mhayo01
		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	SASSA Chiyuki	※2
		Advanced Fisheries Ecology	(Undecided)	※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 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
		Advanced Chemistry of Food Quality Designing	GENG Jieting	jgengoo
	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
		Comprehensive Risk Management in Food Supply Chain	KOBAYASHI Yukihiro	yukihiro
	(Cooperated laboratory)	Advanced Functional Biology of Aquatic Organisms	YAMASHITA Michiaki	※4
		Advanced Functional Biology of Aquatic Organisms	NAGAI Satoshi	※4
		Advanced Functional Biology of Aquatic Organisms	YASUIKE Motoshige	※4

Prospectus of Supervisor's Specialization field in Doctoral Course

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 Fish Biology	ITAKURA Hikaru	itakura-useyaro
		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 Enviroment 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
		Advanced Resilient Navigation Systems	FUKUDA Gen	gfukudo
	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 Network Analysis	HARAGUCHI Kazuya	haraguchi
		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 Freight Transportation 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 Enginnering	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
		Environmental Economics and Policy	WAKAMATSU Mihoko	mwakamo
	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@)