

Class Subjects and Course Registration

Department of Bioresource Science (Master's Program)

Segment	Class Subject	Credit	Grade	Registration and Requirement	
Compulsory	Research for Academic Degree Dissertation *	8	1・2	○Registration	
	Science Seminar (A) (Note ¹) *	2	1・2		
Basic subjects	① Science and Engineering Ethics	1	1 or 2	1 Compulsory 10 Credits * No need to register by the students.	
	② General Biosphere Science (1)	2	1 or 2		
Basic subjects	③ General Biosphere Science (2)	2	1 or 2	2 Compulsory but optional 12 Credits (Should be selected after discussion with the Academic Supervisor)	
	④ Graduate general education subjects (Basic) (Note ²) Select 1 subject from ①-④ above	1 or 2	1 or 2		
Compulsory but optional	Core subjects	Animal Breeding	1	1 or 2	● 1 subject from the basic subjects 1 or 2 credits ※ Excess credits over 1 obtained from the basic subjects can be counted as those of the optional subjects. From the Core Subjects ● Exercise designated by the Academic Supervisor ● Practice designated by the Academic Supervisor (Experiment/Practice) 1 Credit ● Other Core subjects than those above 8 Credits ※ Excess credits over eight obtained from the core subjects can be counted as those of the optional subjects.
		Animal Genetics	1	1 or 2	
		Animal Germ Cell Utilization	1	1 or 2	
		Reproductive Biology	1	1 or 2	
		Management of Ruminant Nutrition	1	1 or 2	
		Nutritional Physiology of Farm Animals	1	1 or 2	
		Environmental Domestic Animal Physiology	1	1 or 2	
		Environmental Science in Farm Animals	1	1 or 2	
		Animal Histology and Physiology	1	1 or 2	
		Domestic Animal Endocrinology	1	1 or 2	
		Animal Production System	1	1 or 2	
		Human Animal Relationship	1	1 or 2	
		Exercises in Animal Science (A)	2	1 or 2	
		Practice in Animal Science	1	1 or 2	
		Fish Neuroethology	1	1 or 2	
		Infectious Diseases of Fish and Shellfish-I	1	1 or 2	
		Pathogenic Microbiology for Aquatic Organisms I	1	1 or 2	
		Pathogenic Microbiology for Aquatic Organisms II	1	1 or 2	
		Aquatic Ecology - II	1	1 or 2	
		Prey Organism Ecology	1	1 or 2	
	Fisheries Biology	1	1 or 2		
	Fish Sociobiology: Introduction	1	1 or 2		
	Aquatic Biochemistry (Advanced Course)	1	1 or 2		
	Introduction to Science for Fish Stock Enhancement	1	1 or 2		
	Applied Aquaculture	1	1 or 2		
	Marine Biodiversity	1	1 or 2		
	Production of Coastal Fisheries Resources	1	1 or 2		
	Exercises in Aquatic Biology (A)	2	1 or 2		
	Practice in Aquatic Biology	1	1 or 2		
	Food Resource Management	1	1 or 2		
	Food Resource Management (Advanced)	1	1 or 2		
	Economics of Food Production	1	1 or 2		
	Applied Food Consumption Economy	1	1 or 2		
	Food Consumption Economy	1	1 or 2		
	Food Marketing	1	1 or 2		
	Exercises in Food and Resource Economics (A)	2	1 or 2		
	Practice in Food and Resource Economics	1	1 or 2		
	Exercises in Field Science in Setouchi Areas (A)	2	1 or 2		
	Practice in Field Science in Setouchi Areas	1	1 or 2		
					○Requirement for completion 1 Specialized subjects Compulsory 10 Credits Compulsory but optional 12 Credits Optional 8 Credits or more Total 30 Credits or more 2 Research Guidance 3 Master's Thesis

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Optional	Animal Molecular Genetics	1	1 or 2	
	Molecular Endocrinology	1	1 or 2	
	Practice in Animal Germ cell Utilization	1	1 or 2	
	Basic Animal Nutrition and Feeding	1	1 or 2	
	Seminar on Animal Nutrition and Feeding	1	1 or 2	
	Exercises in Environmental Domestic Animal Physiology	1	1 or 2	
	Animal Husbandry	1	1 or 2	
	Animal Functional Anatomy	1	1 or 2	
	Animal Histochemistry	1	1 or 2	
	Introduction to Terrestrial Field Science	1	1 or 2	
	Exercise in Terrestrial Field Science	1	1 or 2	
	Advanced Seminar in Dairy Field Science	1	1 or 2	
	Fish Neurophysiology	1	1 or 2	
	Seminar of Scientific Discussion I	1	1 or 2	
	Seminar of Scientific Discussion II	1	1 or 2	
	Infectious Diseases of Fish and Shellfish-II	1	1 or 2	
	Aquatic Ecology -I	1	1 or 2	
	Exercise in Prey Organism Ecology	1	1 or 2	
	Seminar in Fisheries Biology	1	1 or 2	
	Fish Sociobiology: Advance	1	1 or 2	
	Aquatic Molecular Biology (Basic Course)	1	1 or 2	
	Science for Fish Stock Enhancement	1	1 or 2	
	Introduction of Molecular Fish Genetics	1	1 or 2	
	Introduction to Aquatic Field Science	1	1 or 2	
	Seminar in Coastal Field Science	1	1 or 2	
	System of Regional Food Production	1	1 or 2	
Food Marketing(Advanced Class)	1	1 or 2		

Note¹ See details in "Notes on Course Registration (1) "

Note² Select 1 subject in the lists of the "Graduate general education subjects (Basic)".