

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	Science and Engineering Ethics	1	1 or 2	1 Compulsory 10 Credits * No need to register by the students.
	General Biosphere Science (1)	2	1 or 2	
Basic subjects	General Biosphere Science (2)	2	1 or 2	2 Compulsory but optional 12 Credits (Should be selected after discussion with the Academic Supervisor)
	Graduate general education subjects (Basic) (Note ²) Select 1 subject from ①-④ above	1 or 2	1 or 2	
Compulsory but optional	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. 3 Optional 8 Credits or more Should be selected from list of class subjects in this Graduate School. In addition, up to five credits obtained from class subjects provided by other graduate school can be incorporated. ○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
	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		

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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)".