

2020 Third Term (1T) Class Schedule

day		Dep. of Bioresource Sci.	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Biofunctional Sci. & Technology	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Environmental Dynamics & Management	Lecture Code	Graduate School of Integrated Sciences for Life
Mon	1-2	<a href="#">Fisheries Biology</a> Seminar in Fisheries Biology(TOMIYAMA)	W6607132 W6607037	Fish Biology and Fisheries I	<a href="#">Function of Livestock Food Product</a> Exercises in Function of Livestock Food Product (SUZUKI) C308	W7603012 W7603117	Nutrition and Food Functions I			
	3-4	C201								
Tues	1-2				<a href="#">Function of Livestock Food Product</a> Exercises in Function of Livestock Food Product (SUZUKI) C308	W7603012 W7603117	Nutrition and Food Functions I	<a href="#">Plant Nutritional Ecology</a> (SANEOKA) <a href="#">Introduction to Molecular Physiology of Plant Nutrition</a> (UEDA) <a href="#">Assessment of nutrient cycling in soil ecosystem</a> (TOMINAGA) <a href="#">Evaluation of soil environment</a> (NAGAOKA) C316	W8510052 W8510232 W8610126 W8611021	Plant Production Science I
	3-4									
Wed	1-2									
	3-4									
Thurs	1-2	<a href="#">Prey Organism Ecology</a> (KAWAI)	W6606041	Aquatic Ecology I	<a href="#">Food Biophysics I</a> Food Biophysics II(UENO) C310	W7605031 W7605136	Food Physical Chemistry and Food Engineering I			
	3-4	C309								
Fri	1-2	<a href="#">Nutritional physiology of farm animals</a> Basic Animal Nutrition and Feeding (OBITSU・SUGINO)	W6506017 W6505012	Animal Nutrition and Physiology I						
	3-4	C201								
I C n o t u e r n e i s s v e		Practice in Animal Science	W7227000		Practice in Molecular and Applied Biosciences	W7123000		Practice in Modeling and Management of Environmental Dynamics	W4224000	
		Practice in Aquatic Biology	W6426000		Practice in Food Science and Biofunctions	W7323000		Practice in Assessment of Environmental Dynamics Practicum in Environmental Analytical Chemistry of Atmosphere and Hydrosphere (TAKEDA)	W8323000	
		Practice in Field Science in Setouchi Areas	W7426000		Aquatic Toxicology (ASAKAWA)	W7602011		Exercises in Environmental Education (NAKATSUBO)	W8504113	
		Animal Breeding(TSUDZUKI)	W6501033		Biochemical and Molecular Nutrition (YANAKA)	W7612011			W8502117	
		Animal Molecular Genetics (NISHIBORI)	W6502031		Hygienic Chemistry of Sea Food (ASAKAWA)	W7602116				
		Writing exercise for reports (TSUDZUKI)	W6501138		Nutrigenomics (YANAKA)	W7612116				
		Environmental Domestic Animal Physiology	W6507027							
		Environmental Science in Farm Animals (BUNGO)	W6508122							
		Human Animal Relationship (TANIDA)	W6801052							
		Exercises in Environmental Domestic Animal Physiology (KAWAKAMI)	W6507152							
		Animal Husbandry(BUNGO)	W6508057							
	Introduction to Terrestrial Field Science(TANIDA)	W6801157								
	Advanced Seminar in Dairy Field Science(TANIDA)	W6805060								

※ ■ ■ ■ : 専攻のコア科目

The online classes will also begin on April 15 in the Graduate School of Biosphere Sciences, and the Graduate School of Life Sciences.

2020 Third Term (2T) Class Schedule

day		Dep. of Bioresource Sci.	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Biofunctional Sci. & Technology	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Environmental Dynamics & Management	Lecture Code	Graduate School of Integrated Sciences for Life
Mon	1-2	Introduction to aquatic field science(OHTSUKA) C309	W6803052	Fisheries Oceanography I	■Molecular Cell Science A (SAMBONGI) Structure and function of proteins-I (FUJIKAWA)	W7507012	Applied Molecular Cell Biology I	■Numerical Model Analysis of Marine Ecosystem (Fundamental Course) (HASHIMOTO) C309	W8507054	Fisheries Oceanography I
		Aquatic Molecular Biology (Basic Course)(KUNIYOSHI) C308	W6610052	Applied Molecular Cell Biology I	■Applied Microbiology (FUNATO) C308	W7504021 W7506042				
	3-4	Molecular Endocrinology (SHIMADA) C308	W6504011	Animal Life Science I	■Applied Immunology (HORIUCHI) C308	W7501022	Animal Life Science I			
Tues	1-2									
	3-4	Introduction to aquatic field science(OHTSUKA) C309	W6803052	Fisheries Oceanography I	■Ecological Chemistry (OOMURA) Bioactive natural products I (OHTA) Aquatic Bioresource Chemistry (HIRAYAMA) C308	W7508012 W7509033 W7601052	Bioactive Natural Products Chemistry I	■Numerical Model Analysis of Marine Ecosystem (Fundamental Course) (HASHIMOTO) C309	W8507054	Fisheries Oceanography I
Wed	1-2	Aquatic Molecular Biology (Basic Course) (KUNIYOSHI) C308	W6610052	Applied Molecular Cell Biology I	■Molecular Cell Science A (SAMBONGI) Structure and function of proteins-I (FUJIKAWA) Applied Microbiology (FUNATO) C308	W7507012 W7504021 W7506042	Applied Molecular Cell Biology I			
	3-4	Molecular Endocrinology (SHIMADA) C308	W6504011	Animal Life Science I	■Applied Immunology (HORIUCHI) C308	W7501022	Animal Life Science I			
	5-6	■Animal Production System (KUROKAWA) C316	W6802017	Terrestrial Field Science I						
	7-8									
Thurs	1-2	■Animal histology and physiology	W6509131							
	3-4	/Animal functional anatomy (YOSHIMURA/ISOBE) C309	W6509036	Animal Production Science I	■Ecological Chemistry (OOMURA) Bioactive natural products I (OHTA) Aquatic Bioresource Chemistry (HIRAYAMA) C308	W7508012 W7509033 W7601052	Bioactive Natural Products Chemistry I			
Fri.	1-2	Introduction of Molecular Fish Genetics (UMINO) C315	W6612052	Aquaculture I						
	3-4									
I C n t e r n s s i v e		Practice in Animal Science	W7227000		Practice in Molecular and Applied Biosciences	W7123000		Practice in Modeling and Management of Environmental Dynamics	W4224000	
		Practice in Aquatic Biology	W6426000		Practice in Food Science and Biofunctions	W7323000		Practice in Assessment of Environmental Dynamics	W8323000	
		Practice in Field Science in Setouchi Areas	W7426000		Aquatic Toxicology (ASAKAWA)	W7602011		Practicum in Environmental Analytical Chemistry of Atmosphere and Hydrosphere (TAKEDA)	W8504113	
		Animal Breeding(TSUDZUKI)	W6501033		Biochemical and Molecular Nutrition (YANAKA)	W7612011		Exercises in Environmental Education (NAKATSUBO)	W8502117	
		Animal Molecular Genetics (NISHIBORI)	W6502031		Hygienic Chemistry of Sea Food (ASAKAWA)	W7602116				
		Writing exercise for reports (TSUDZUKI)	W6501138		Nutrigenomics (YANAKA)	W7612116				
		Environmental Domestic Animal Physiology (KAWAKAMI)	W6507027							
		Environmental Science in Farm Animals (BUNGO)	W6508122							
		Human Animal Relationship (TANIDA)	W6801052							
		Exercises in Environmental Domestic Animal Physiology (KAWAKAMI)	W6507152							
		Animal Husbandry (BUNGO)	W6508057							
		Introduction to Terrestrial Field Science (TANIDA)	W6801157							
		Advanced Seminar in Dairy Field Science (TANIDA)	W6805060							

2020 Third Term (3T) Class Schedule

day	Dep. of Bioresource Sci.	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Biofunctional Sci. & Technology	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Environmental Dynamics & Management	Lecture Code	Graduate School of Integrated Sciences for Life
Mon.	1-2								
	3-4	■ <u>Economics of Food Production</u> / System of Regional Food Production (Hosono) B211	W6702028 W6702129	Food Resource Economics					
Tues.	1-2	■ <u>Management of Ruminant Nutrition</u> / Seminar on animal nutrition and feeding (Obitsu/Sugibo) C310	W6505112 W6506117	Animal Nutrition and Physiology II	■ <u>Food Engineering</u> (Hagura) / ■ <u>Food Process Engineering</u> (Kawai) C309	W7607032 W7608127	Food Physical Chemistry and Food Engineering II		
	5-6						■ <u>Climate change and terrestrial biogeochemical cycles</u> - introduction- / -Main issue- (Toda) 総	W8525045 W8525145	Ecosystem ecology
	7-8								
Wed.	1-2	■ <u>Fish Sociobiology: introduction</u> / Fish Sociobiology: advance (Sakai) C308	W6608032 W6608138	Fish Biology and Fisheries II			Applied Techniques in Plant Nutritional Physiology and Ecology (Saneoka) / Exercises in Molecular Physiology of Plant Nutrition (Ueda) / Introduction to assessment of nutrient cycling in soil ecosystem (Tomimaga) / Practical exposition for evaluation of soil environment (Nagaoka) C309	W8510157 W8510337 W8610021 W8611121	Plant Production Science II
	3-4	■ <u>Pathogenic microbiology for aquatic organisms I, II</u> (Okinaka) C310	W6604011 W6604116	Microbiology for Food Safety II	■ <u>Microbiology for Food Safety I/ II</u> (Nakano) C310	W7609042 W7609147	Microbiology for Food Safety II		
Thurs.	1-2	■ <u>Aquatic Ecology -I, II</u> (Saito) / Exercise in Prey Organism Ecology (Kawakami) C308	W6605034 W6605139 W6606146	Aquatic Ecology II			■ <u>Marine Microbial Dynamics</u> (Koike) C308	W8603041	Aquatic Ecology II
	3-4	■ <u>Economics of Food Production</u> / System of Regional Food Production (Hosono) C211	W6702028 W6702129	Food Resource Economics	■ <u>Foodborne pathogenic genetics</u> (Shimamoto) C309	W7610042			
Fri.	1-2								
	3-4	■ <u>Pathogenic microbiology for aquatic organisms I, II</u> (Okinaka) C310	W6604011 W6604116	Microbiology for Food Safety II	General molecular genetics (Shimizu) 総 ■ <u>Microbiology for Food Safety II</u> (Nakano) C310	W7510013 W7609147	Microbiology for Food Safety II		
Intensive Courses					Biochemistry of animal foods I (Suzuki) ■ <u>Biochemistry of animal foods II</u> (Suzuki)	W7604012 W7604117			
					Process Engineering (Kawai)	W7608022			
					Measurement and Instrumentation (Hagura)	W9500160			
					Practical of Alcohol Beverage Fermentation (Okuda)	W9300160			

※ ■ □ ● ○ : Core subjects of each department  
 ※ [総]: Faculty of Integrated Arts and Sciences  
 ※ Exercises (A): For Master's students, Exercises, (B): For Doctoral students

2020 Fourth Term (4T) Class Schedule

day	Dep. of Bioresource Sci.	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Biofunctional Sci. & Technology	Lecture Code	Graduate School of Integrated Sciences for Life	Dep. of Environmental Dynamics & Management	Lecture Code	Graduate School of Integrated Sciences for Life
Mon.	Seminar of scientific discussion I II (Yoshida) C308	W6602042	Aquaculture II						
		W6602147							
Tue.	■ <u>Animal Genetics</u> (Nishibori) /	W6502136	Animal Life Science II	Exercises in Applied Immunology (Horiuchi) C308	W7501127	Animal Life Science II	■ <u>Environmental Analytical Chemistry of Atmosphere and Hydrosphere</u> (Takeda) / Atmosphere-Hydrosphere Dynamics I (Iwamoto) 総	W8504013	Atmospheric Hydrosphere Chemistry
	■ <u>Reproductive biology</u> (Shimada) C308	W6504111						W8503042	
Wed.	■ <u>Marine biodiversity</u> (Otsuka) C308	W6803157	Fisheries Oceanography II	■ <u>Structure and function of proteins-II</u> (Fujikawa) /	W7504126	Applied Molecular Cell Biology II	■ <u>Numerical Model Analysis of Marine Ecosystem (Applied Course)</u> (Hashimoto) C308	W8507159	Fisheries Oceanography II
	■ <u>Aquatic Biochemistry</u> (Advanced Course) (Kuniyoshi) C309	W6613147	Applied Molecular Cell Biology II	■ <u>Molecular Cell Science B</u> (Sambongi) /	W7507117				
			Applied Microbiology Seminar (Funato) C309		W7506142				
			Exercise in Food Process Engineering (Hagura) A103		W7607137				
							Introduction to marine ecosystem dynamics /	W8601032	Applied Environmental Life Science
							■ <u>Marine ecosystem dynamics</u> (Naganuma) C308	W8601137	
Thurs.	Animal Histochemistry /	W6510146	Animal Production Science II						
	■ <u>Domestic Animal Endocrinology</u> (Yoshimura/Isobe) C308	W6510041		Exercises in foodborne pathogenic genetics (Shimamoto) C310	W7610147				
				■ <u>Bioactive natural products II</u> (Ohta) /	W7509138	Bioactive Natural Products Chemistry II			
				Exercises in Ecological Chemistry (Omura) /	W7508117				
			■ <u>Glycobiology and Glycotechnology</u> (Hirayama) C308	W7601157					
Fri.	Exercise in terrestrial field science (Kurokawa) C205	W6802157	Terrestrial Field Science II	Nutritional Biochemistry /	W7611032	Nutrition and Food Functions II			
				■ <u>Health and Nutrition Science</u> (Yanaka) C308	W7611137				
				Practical molecular genetics (Shimizu)	W7510118				
Intensive Courses				Biochemistry of animal foods I (Suzuki)	W7604012				
				■ <u>Biochemistry of animal foods II</u> (Suzuki)	W7604117				
				Process Engineering (Kawai)	W7608022				
				Measurement and Instrumentation (Hagura)	W9500160				
				Practical of Alcohol Beverage Fermentation (Okuda)	W9300160				

※ ■ □ ● : Core subjects of each department  
 ※ [総]: Faculty of Integrated Arts and Sciences  
 ※ Exercises (A): For Master's students, Exercises, (B): For Doctoral students