

2018 First Term (1T) Class Schedule

| day | Dep. of Bioresource Sci. | Dep. of Biofunctional Sci. & Technology | Dep. of Environmental Dynamics & Management | |
|-------------------|--------------------------------|--|---|--|
| Mon. | 1-2 | Aquatic Toxinology(Asakawa) C308 | | |
| | | Ecological Chemistry(Omura) C201 | | |
| | 3-4 | Basic Animal Nutrition and Feeding (Obitsu/Sugino) C308 | Bioactive natural products I(Ohta) 総J304 | |
| | Fisheries Biology(Tomiya) C309 | Nutritional Biochemistry (Yanaka) C301 | | |
| Tues. | 1-2 | Molecular Endocrinology (Shimada) C309 | Food Biophysics I(Ueno) C308 | Introduction to assessment of nutrient cycling in soil ecosystem (Tominaga) C205 |
| | | | Immunobiology(Furusawa) C310 | |
| | 3-4 | | Process Engineering (Kawai) C308 | Exercises in Assessment of Microbial Environments(Wasaki) C201 |
| | 5-6 | Food Resource Management (Yamao) B211 | | |
| Wed. | 1-2 | General Biosphere Science (1) (Liao) C308 (1T-2T) | | |
| | 3-4 | Animal histology and physiology(Yoshimura/Isobe) C310 | Aquatic Bioresource Chemistry (Hirayama) C308 | |
| | | Food Consumption Economy (Tanaka) B211 | | |
| | 5-6 | Animal Breeding(Tsudzuki) C301 | Plant Molecular Bioscience(Esaka) C308 | |
| | 7-8 | | | |
| | 9-10 | Practical work on writing reports and presentation (1) (Liao) B209 (1T-2T) | | |
| Thurs. | 1-2 | Prey Organism Ecology (Kawai) C309 | Applied Microbiology(Funato) C301 | Plant Nutritional Ecology(Saneoka) C308 |
| | 3-4 | Seminar of scientific discussion I (Yoshida) C310 | Microbiology for Food Safety I (Nakano) C308 | Atmosphere-Hydrosphere Dynamics I(Sakugawa) 総J206 |
| | 5-6 | | | |
| | 7-8 | | | Introduction to Aquatic Environmental Ecology(Yamamoto) C309 |
| | 9-10 | | | Climate change and terrestrial biogeochemical cycles -introduction-(Toda) 総J302 |
| Fri. | 1-2 | Human Animal Relationship(Tanida) C308 | | |
| | 3-4 | Environmental Science in Farm Animals(Bungo) B516 | | Numerical Model Analysis of Marine Ecosystem (Fundamental Course) (Hashimoto) C308 |
| Intensive Courses | | Practice in Animal Science (1T-2T) | Practice in Molecular and Applied Biosciences (1T-2T) | Practice in Modeling and Management of Environmental Dynamics (1T-2T) |
| | | Practice in Aquatic Biology (1T-2T) | | |
| | | Practice in Food and Resource Economics (1T-2T) | Practice in Food Science and Biofunctions (1T-2T) | Practice in Assessment of Environmental Dynamics (1T-2T) |
| | | Practice in Field Science in Setouchi Area (1T-2T) | Exercises in Molecular and Applied Biosciences (A)(B) (1T-2T) | Exercises in Modeling and Management of Environmental Dynamics (A)(B) (1T-2T) |
| | | Exercises in Animal Science (A)(B) (1T-2T) | Exercises in Food Science and Biofunctions (A)(B) (1T-2T) | Exercises in Assessment of Environmental Dynamics (A)(B) (1T-2T) |
| | | Exercises in Aquatic Biology (A)(B) (1T-2T) | | |
| | | Exercises in Food and Resource Economics (A)(B) (1T-2T) | | |
| | | Exercises in Field Science in Setouchi Areas (A)(B) (1T-2T) | Environmental and Biomass Technology I II (Masaki) | |
| | | Practice in Animal Germ cell Utilization (Maeda/Shimada) | | |
| | | Advanced Seminar in Dairy Field Science (Tanida) (1T-2T) | | Evaluation of Plant Environment: Introduction (Wasaki) (Will be provided in 2019) |
| | | Academic Volunteer Practice (Esaka) (1T-2T) | | |

※ : Core subjects of each department

※ [総]: Faculty of Integrated Arts and Sciences

※ Exercises (A): For Master's students, Exercises (B): For Doctoral students

2018 Second Term (2T) Class Schedule

2018/4/9

| day | | Dep. of Bioresource Sci. | Dep. of Biofunctional Sci. & Technology | Dep. of Environmental Dynamics & Management |
|---|------|--|--|--|
| Mon. | 1-2 | | Hygienic Chemistry of Sea Food (Asakawa) C308 Exercises in Ecological Chemistry(Omura) C201 | |
| | 3-4 | Nutritional physiology of farm animals (Obitsu/Sugibo) C205 Seminar in Fisheries Biology(Tomiyama) C309 | Bioactive natural products II(Ohta) 総J304 Health and Nutrition Science (Yanaka) C308 | |
| Tues. | 1-2 | Environmental Domestic Animal Physiology(Kawakami) B515 | Food Biophysics II (Ueno) C308 Molecular immunology(Furusawa) C309 | Assessment of nutrient cycling in soil ecosystem(Tominaga) C205 |
| | 3-4 | | Food Process Engineering (Kawai) C308 | |
| | 5-6 | Economics of Food Production (Hosono) B211 | | |
| Wed. | 1-2 | General Biosphere Science (1) (Liao) C308 (1T-2T) | | |
| | 3-4 | Animal functional anatomy (Yoshimura/Isobe) C310 | Glycobiology and Glycotechnology (Hirayama) C308 | |
| | 5-6 | Writing exercise for reports (Tsutzuki) C301 | | |
| | 7-8 | | | |
| | 9-10 | Practical work on writing reports and presentation (1) (Liao) B209 (1T-2T) | | |
| Thurs. | 1-2 | Exercise in Prey Organism Ecology (Kawai) C309 | Applied Microbiology Seminar (Funato) C310 | Applied Techniques in Plant Nutritional Physiology and Ecology (Saneoka) C308 |
| | 3-4 | | Microbiology for Food Safety II (Nakano) C309 | Atmosphere-Hydrosphere Dynamics II (Sakugawa) 総J 206 |
| | 5-6 | Seminar of scientific discussion II (Yoshida) C310 | | |
| | 7-8 | | | Advance in Aquatic Environmental Ecology (Yamamoto) C309 |
| Fri. | 1-2 | Animal Production System (Kurokawa) C309 | | |
| | 3-4 | Animal Germ cell Utilization (Maeda) C309 Aquatic Molecular Biology (Basic Course) (Kuniyoshi) C315 | | Numerical Model Analysis of Marine Ecosystem (Applied Course) (Hashimoto) B207 |
| ※ The dates and places are not decided yet. It is informed you after registration. Intensive Courses | | | Microbial Engineering on Brewing I II (Okuda) Application of Brewing Resources (Fujii) Practical exercises in Application of Brewing Resources (Fujii) | (Introduction for)/Management of Coastal Ocean Environment in Seto Inland Sea (Takahashi) Management of Coastal Marine Environment (Introduction) (Nagao) Agricultural Meteorology I II (Kurose) Introductory Biocontrol/Applied Biocontrol (Miura) Introduction to marine ecosystem studies I II (Yamamoto H) Theories and practices in oceanographic observations I II (Fukuba) Theories and practices in marine ecosystem analyses I II (Yamakita) |
| | | Science and Engineering Ethics (Uemura) | | |

※ Core subjects of each department

※ [総]: Faculty of Integrated Arts and Sciences

※ Exercises (A): For Master's students, Exercises (B): For Doctoral students

2018 Third Term (3T) Class Schedule

2018/4/9

| day | | Dep. of Bioresource Sci. | Dep. of Biofunctional Sci. & Technology | Dep. of Environmental Dynamics & Management | |
|--|---|--|---|--|--|
| Mon. | 1-2 | Pathogenic microbiology for aquatic organisms I (Okinaka) C309 | | | |
| | 3-4 | Management of Ruminant Nutrition (Obitsu/Sugino) C310 Applied Food Consumption Economy (Tanaka) B211 Production of Coastal Fisheries Resources (Shoji) C309 | Function of Livestock food product (Suzuki) C308 Biomolecular science A (Teshima) C201 | | |
| | 5-6 | | | Environmental Analytical Chemistry of Atmosphere and Hydrosphere (Takeda) 総J 204 | |
| | Basics of Biosphere Science for International Student (Nakatsubo/Kawai) C310 | | | | |
| Tues. | 1-2 | Reproductive biology (Shimada) C315 | Structure and function of proteins I (Fujikawa) C309 | Evaluation of soil environment (Nagaoka) C310 | |
| | 3-4 | | Applied Immunology (Horiuchi) C308 Biochemical and Molecular Nutrition (Yanaka) C309 | Introduction to marine ecosystem dynamics (Naganuma) C310 | |
| | 5-6 | | | | |
| | Basics of Biosphere Science for International Student (Nakatsubo/Kawai) C310 | | | | |
| Wed. | 1-2 | Animal molecular genetics (Nishibori) C309 | | | |
| | General Biosphere Science (2) (Liao) B209 (3T-4T) | | | | |
| | 3-4 | Fish Sociobiology: introduction (Sakai) C310 | Food Engineering (Hagura) A103 | Introduction to Molecular Physiology of Plant Nutrition (Ueda) C309 | |
| | 5-6 | | | Exercises in Environmental Education (Nakatsubo) 総J 302 | |
| | 7-8 | Aquatic Ecology I (Saito) C310 | | | |
| Practical work on writing reports and presentation (2) (Liao) B209 (3T-4T) | | | | | |
| Thurs. | 1-2 | Domestic Animal Endocrinology (Isobe/Yoshimura) C309 | Molecular Cell Science A (Sambongi) C315 | Marine Microbial Dynamics (Koike) C310 | |
| | 3-4 | Aquatic Biochemistry (Advanced Course) (Kuniyoshi) C309 | Foodborne pathogenic genetics (Shimamoto/Nariya) C308 | Assessment of Soil Microbial Environments (Wasaki) C310 | |
| Fri. | 1-2 | Introduction to Terrestrial Field Science (Tanida) C308 | Food Physical Chemistry I (Hondo) C309 | | |
| | 3-4 | Introduction of Molecular Fish Genetics (Umino) C309 Introduction to aquatic field science (Otsuka) C310 Exercises in Environmental Domestic Animal Physiology (Kawakami) B515 | General molecular genetics (Shimizu) 総J301 | | |
| | 5-6 | | | | |
| | 7-8 | Food Resource Management (Advanced) (Yamao) B211 | | | |
| | Measurement and Instrumentation (Hagura) (3T-4T) *Please ask Prof. about the class schedule directly. | | | | |
| Intensive Courses | | | | | |
| | Measurement and Instrumentation (Hagura) (3T-4T) *Please ask Prof. about the class schedule directly. | | | | |

※ Core subjects of each department

※ [総]: Faculty of Integrated Arts and Sciences

※ Exercises (A): For Master's students, Exercises, (B): For Doctoral students

2018 Fourth Term (4T) Class Schedule

| day | | Dep. of Bioresource Sci. | Dep. of Biofunctional Sci. & Technology | Dep. of Environmental Dynamics & Management |
|--|--|---|---|--|
| Mon. | 1-2 | Pathogenic microbiology for aquatic organisms II (Okinaka) C309 | | |
| | 3-4 | Seminar on animal nutrition and feeding (Obitsu/Sugino) C310 | Exercises in Function of Livestock food product (Suzuki) C308 | |
| | | Seminar in Coastal Field Science (Shoji) C309 | Biomolecular science B (Teshima) C201 | |
| 5-6 | | | Practicum in Environmental Analytical Chemistry of Atmosphere and Hydrosphere (Takeda) 総J 204 | |
| Tues. | 1-2 | Animal Husbandry (Bungo) B515 | Structure and function of proteins II (Fujikawa) C309 | Practical exposition for evaluation of soil environment (Nagaoka) C310 |
| | 3-4 | | Exercises in Applied Immunology (Horiuchi) C308 | Marine ecosystem dynamics (Naganuma) C301 |
| | | | Nutrigenomics (Yanaka) C309 | |
| | Debate Exercise on Bioethics (Maeda) C310 | | | |
| | 5-6 | | | |
| 7-8 | System of Regional Food Production (Hosono) B211 | | | |
| Seminar on biosphere sciences for international students (Saito/Sambongi) C310 | | | | |
| Wed. | 1-2 | Animal Genetics (Nishibori) C309 | | |
| | General Biosphere Science (2) (Liao) B209 (3T-4T) | | | |
| | 3-4 | Fish Sociobiology: advance (Sakai) C310 | Exercise in Food Process Engineering (Hagura) A103 | Exercises in Molecular Physiology of Plant Nutrition (Ueda) C309 |
| | 5-6 | Exercise in terrestrial field science (Kurokawa) C309 | | Introduction to Environmental Issues in Japan (Nakatsubo) 総J 302 |
| | 7-8 | Aquatic Ecology II (Saitoi) C310 | | |
| 9-10 | Practical work on writing reports and presentation (2) (Liao) B209 (3T-4T) | | | |
| Thurs. | 1-2 | Animal Histochemistry (Isobe/Yoshimura) C309 | Molecular Cell Science B (Sambongi) C301 | Marine Microbial Dynamics Practice (Koike) C310 |
| | 3-4 | | Exercises in foodborne pathogenic genetics (Shimamoto/Nariya) C308 | Evaluation of Plant Environment (Wasaki) C309 |
| | 5-6 | | | |
| | 7-8 | | | Climate change and terrestrial biogeochemical cycles -Main issue- (Toda) 総J 302 |
| Fri. | 1-2 | | Food Physical Chemistry II (Hondo) C309 | |
| | 3-4 | Applied Aquaculture (Umino) C309 | Practical molecular genetics (Shimizu) 総J301 | |
| Intensive Courses | | | Practical of Alcohol Beverage Fermentation (Okuda) | Conservation and Management of Seagrass, Algae and Tidal-flat Ecosystems I II (Hamaguchi, Yoshida) |
| | | | Biochemistry of animal foods I II (Suzuki) | |
| | Interdisciplinary Seminars * (A) (B) (Nariya/Liao) 3T/4T | | | |

※ Core subjects of each department

※ [総]: Faculty of Integrated Arts and Sciences

※ Exercises (A): For Master's students, Exercises, (B): For Doctoral students

※ "Interdisciplinary Seminars" is compulsory for the students who take the SFP (Sustainable Food Production) program.