

Division of Environmental Science and Technology

No.	Title	Instructor	Credits	Semester	Notes
EA01	Comparative Study of Resources and Environment	Takeshi MIYAKE, Ayako KATAYAMA	2	Oct-Mar	
EA02	Comparative Study of Agriculture	Hitoshi SHINJO	2	Apr-Sep	★
EA09	Tropical Agricultural Ecology	Hirokazu HIGUCHI, Tomohiro KONDO	2	Apr-Sep (intensive)	☆ ◎
EA10	Agroecology of Tropical Crops	Hirokazu HIGUCHI, Tomohiro KONDO	2	Oct-Mar (intensive)	★ ◎
EA11	Soil Science	Shinya FUNAKAWA	2	Oct-Mar	★ ◎
EA12	Biogeochemistry	Tetsuhiro WATANABE	2	Oct-Mar	☆ ◎
EA13	Special Lecture on Microbial Ecology	Akira YOSHIMI	2	Oct-Mar (intensive)	☆
EA14	Special Lecture on Microbial Management	Chihiro TANAKA	2	Oct-Mar (intensive)	★
EA15	Special Lecture on Ecological Information	Norihide HINOMOTO	2	Oct-Mar (intensive)	★ ◎
EA16	Special Lecture on Ecological Management	Norihide HINOMOTO	2	Oct-Mar (intensive)	☆ ◎
EA17	Agricultural Facilities Engineering	Kazunori FUJISAWA, Jia GUO	2	Apr-Sep	★ ◎
EA18	Numerical Science of Structural Design	Kazunori FUJISAWA, Jia GUO	2	Apr-Sep	☆ ◎
EA19	Water Resources Engineering	Masayuki FUJIHARA, Junichiro TAKEUCHI	2	Apr-Sep	☆ ◎
EA20	Hydraulic and Environmental Modeling	Koichi UNAMI	2	Apr-Sep	★ ◎
EA21	Hydrological Environment Sciences	Kimihito NAKAMURA, Takehide HAMA	2	Apr-Sep	☆ ◎
EA22	Applied Hydrology	Kimihito NAKAMURA, Takehide HAMA	2	Oct-Mar	★
EA23	Rural Land Use Planning	Kenichiro ONITSUKA	2	Apr-Sep	☆ ◎
EA45	Rural Community Planning	Emi TAKEYAMA	2	Apr-Sep	★ ◎
EA25	Agricultural Systems Engineering	Ryozo NOGUCHI	2	Oct-Mar	☆ ◎
EA48	Bioresource and Bioenergy	Ryozo NOGUCHI	2	Apr-Sep	★ ◎
EA27	Field Robotics (Advanced Course)	Michihisa IIDA	2	Apr-Sep	★ ◎
EA28	Field Automation	Michihisa IIDA	2	Apr-Sep	☆ ◎
EA47	Bio-Sensing Engineering (Advanced Course)	Naoshi KONDO	2	Oct-Mar	★ ◎
EA30	Physicality of Agricultural Products	Yuichi OGAWA	2	Oct-Mar	☆ ◎
EA31	Environmental Radiation Control	Yoko FUJIKAWA, Hiroshi YASHIMA	2	Oct-Mar	☆ ◎
EA32	Engineering of Environmental Radiation Control	Yoko FUJIKAWA, Hiroshi YASHIMA	2	Apr-Sep	★ ◎

No.	Title	Instructor	Credits	Semester	Notes
EF01	Seminar in Comparative Agricultural Science	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	2 2	Apr-Sep Oct-Mar	◎
EF02	Seminar in Tropical Agriculture	Hirokazu HIGUCHI, Tomohiro KONDO	2 2	Apr-Sep Oct-Mar	◎
EF03	Seminar in Soil Science	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	2 2	Apr-Sep Oct-Mar	◎
EF04	Seminar in Microbial Management	Chihiro TANAKA, Akira YOSHIMI, Yuko TAKEUCHI, Kenya TSUJI	2 2	Apr-Sep Oct-Mar	◎
EF05	Seminar in Ecological Information	Norihide HINOMOTO, Shuichi YANO	2 2	Apr-Sep Oct-Mar	◎
EF06	Seminar in Data Processing	Kazunori FUJISAWA, Jia GUO, Shoichi KIYAMA	2 2	Apr-Sep Oct-Mar	
EF07	Seminar in Water Resources Engineering	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	2 2	Apr-Sep Oct-Mar	◎
EF08	Seminar in Hydrological Environment Sciences	Kimihito NAKAMURA, Takehide HAMA	2 2	Apr-Sep Oct-Mar	
EF09	Seminar in Rural Planning	Emi TAKEYAMA, Kenichiro ONITSUKA, Akiko HIGASHIGUCHI	2 2	Apr-Sep Oct-Mar	◎
EF10	Seminar in Agricultural Systems Engineering	Ryoza NOGUCHI, Juro MIYASAKA, Katsuaki OHDOI, Ayana ITO	2 2	Apr-Sep Oct-Mar	
EF11	Seminar in Field Robotics	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	2 2	Apr-Sep Oct-Mar	◎
EF12	Seminar in Bio-Sensing Engineering	Naoshi KONDO, Yuichi OGAWA, Keiichiro SHIRAGA	2 2	Apr-Sep Oct-Mar	◎
EF13	Seminar in Environmental Radiation Control	Yoko FUJIKAWA, Hiroshi YASHIMA	2 2	Apr-Sep Oct-Mar	◎
EG01	Laboratory Course in Comparative Agricultural Science	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	2.5 2.5	Apr-Sep Oct-Mar	◎
EG02	Laboratory Course in Tropical Agriculture	Hirokazu HIGUCHI, Tomohiro KONDO	2.5 2.5	Apr-Sep Oct-Mar	◎
EG03	Laboratory Course in Soil Science	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	2.5 2.5	Apr-Sep Oct-Mar	◎
EG04	Laboratory Course in Microbial Management	Chihiro TANAKA, Akira YOSHIMI, Yuko TAKEUCHI, Kenya TSUJI	2.5 2.5	Apr-Sep Oct-Mar	◎
EG05	Laboratory Course in Ecological Information	Norihide HINOMOTO, Shuichi YANO	2.5 2.5	Apr-Sep Oct-Mar	◎

No.	Title	Instructor	Credits	Semester	Notes
EG06	Laboratory Course in Agricultural Facilities Engineering	Kazunori FUJISAWA, Jia GUO, Shoichi KIYAMA	2.5 2.5	Apr-Sep Oct-Mar	
EG07	Laboratory Course in Water Resources Engineering	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	2.5 2.5	Apr-Sep Oct-Mar	◎
EG08	Laboratory Course in Hydrological Environment Sciences	Kimihito NAKAMURA, Takehide HAMA	2.5 2.5	Apr-Sep Oct-Mar	
EG09	Laboratory Course in Rural Planning	Emi TAKEYAMA, Kenichiro ONITSUKA, Akiko HIGASHIGUCHI	2.5 2.5	Apr-Sep Oct-Mar	◎
EG10	Laboratory Course in Agricultural Systems Engineering	Ryozo NOGUCHI, Juro MIYASAKA, Katsuaki OHDORI, Ayana ITO	2.5 2.5	Apr-Sep Oct-Mar	
EG11	Laboratory Course in Field Robotics	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	2.5 2.5	Apr-Sep Oct-Mar	◎
EG12	Laboratory Course in Bio-Sensing Engineering	Naoshi KONDO, Yuichi OGAWA, Keiichiro SHIRAGA	2.5 2.5	Apr-Sep Oct-Mar	◎
EG13	Laboratory Course in Environmental Radiation Control	Yoko FUJIKAWA, Hiroshi YASHIMA	2.5 2.5	Apr-Sep Oct-Mar	◎
EA33	Special Lecture on Environmental Science and Technology I		1	(intensive)	NA in AY2024
EA34	Special Lecture on Environmental Science and Technology II	Yutaka FUKUMOTO	1	Apr-Sep (intensive)	
EA35	Special Lecture on Environmental Science and Technology III		1	(intensive)	NA in AY2024
EA36	Special Lecture on Environmental Science and Technology IV	Hidefumi MITSUNO	1	Oct-Mar (intensive)	
EA37	Special Lecture on Environmental Science and Technology V	Shingi FUKUDA	1	Apr-Sep (intensive)	
EA41	Special Lecture on Environmental Science and Technology VI	Takashi OKAYASU	1	Apr-Sep (intensive)	
EA42	Special Lecture on Environmental Science and Technology VII	Kazuro OHNO	1	Apr-Sep (intensive)	
EA43	Special Lecture on Environmental Science and Technology VIII		1	(intensive)	NA in AY2024
EA46	Special Lecture on Environmental Science and Technology IX		1	(intensive)	NA in AY2024
EZ00	Master's Thesis				

Requirements by Division of Environmental Science and Technology

- 1) Attend all the lectures, seminars (8 credits) and laboratory courses (10 credits) given by your laboratory.
- 2) In addition to the lectures specified by 1), earn more than 4 credits given by the Division.
- 3) In order to take other laboratories' seminars or laboratory courses, get permission from your supervisor and the instructor.
- 4) In order to take other divisions' courses (including other graduate schools' courses) and earn them as credits, get permission from your division's office at the time of registration.
- 5) Retaking subjects you have previously completed is not permitted, even if it is an intensive course with a different instructor in a different year. The only exception is retaking seminars and laboratory courses of your own laboratory.
- 6) Subjects with "☆&★ marks" are held every 2 years alternately.
Subjects with "☆ marks" are held in this academic year and those with "★ marks" in next academic year.
- 7) Subjects with "◎ marks" may be given in English when any of international students wish to attend.
- 8) If you enroll in April and aim to complete the course in March, register for the "Master's Thesis" during your 2nd (fall) semester as a M2 student. / If you enroll in October and aim to complete the course in September, register for the "Master's Thesis" during your 1st (spring) semester as a M2 student.