

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	☆
EA03	Forest Ecology	Kanehiro KITAYAMA	2	Apr-Sep (intensive)	☆ ◎
EA04	Community Ecology	Naoya OSAWA	2	Oct-Mar (intensive)	★
EA05	Special Lecture on Forest Hydrology	Yoshiko KOSUGI	2	Apr-Sep (intensive)	☆ ◎
EA06	Special Lecture on Environmental Biophysics	Yoshiko KOSUGI, Ayaka SAKABE	2	Apr-Sep (intensive)	★
EA07	Forest Biochemistry	Yoichi HONDA	2	Oct-Mar	☆ ◎
EA08	Phytobiomass	Masahiro SAKAMOTO	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	Chihiro TANAKA, Akira YOSHIMI	2	Oct-Mar (intensive)	★
EA14	Special Lecture on Microbial Management	Chihiro TANAKA, Akira YOSHIMI	2	Oct-Mar (intensive)	☆
EA15	Special Lecture on Ecological Information	Norihide HINOMOTO	2	Oct-Mar (intensive)	☆ ◎
EA16	Special Lecture on Ecological Management	Masahiro OSAKABE	2	Oct-Mar (intensive)	★ ◎
EA17	Agricultural Facilities Engineering	TBD, Kazunori FUJISAWA	2	Apr-Sep	☆ ◎
EA18	Numerical Science of Structural Design	TBD, Kazunori FUJISAWA	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, Mrittika BASU	2	Apr-Sep	★ ◎
EA45	Rural Community Planning	Satoshi HOSHINO	2	Apr-Sep	☆ ◎
EA25	Agricultural Systems Engineering	TBD	2	Apr-Sep	★ ◎
EA26	Terramechanics	Hiroshi NAKASHIMA	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	Yasuhito IGARASHI	2	Oct-Mar	★ ◎
EA32	Engineering of Environmental Radiation	Yasuhito IGARASHI	2	Apr-Sep	☆ ◎

No.	Title	Instructor	Credits	Semester	Notes
EB27	Seminar in Comparative Agricultural Science 1	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	4	Year-long	
EB28	Seminar in Comparative Agricultural Science 2	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	4	Year-long	
EB29	Seminar in Forest Ecology 1	Kanehiro KITAYAMA, Naoya OSAWA	4	Year-long	
EB30	Seminar in Forest Ecology 2	Kanehiro KITAYAMA, Naoya OSAWA	4	Year-long	
EB31	Seminar in Forest Hydrology 1	Yoshiko KOSUGI, Ayaka SAKABE	4	Year-long	◎
EB32	Seminar in Forest Hydrology 2	Yoshiko KOSUGI, Ayaka SAKABE	4	Year-long	◎
EB33	Seminar in Forest Biochemistry 1	Yoichi HONDA, Masahiro SAKAMOTO, Takehito NAKAZAWA, Moriyuki KAWAUCHI	4	Year-long	◎
EB34	Seminar in Forest Biochemistry 2	Yoichi HONDA, Masahiro SAKAMOTO, Takehito NAKAZAWA, Moriyuki KAWAUCHI	4	Year-long	◎
EB35	Seminar in Tropical Agriculture 1	Hirokazu HIGUCHI, Tomohiro KONDO	4	Year-long	◎
EB36	Seminar in Tropical Agriculture 2	Hirokazu HIGUCHI, Tomohiro KONDO	4	Year-long	◎
EB37	Seminar in Soil Science 1	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	4	Year-long	◎
EB38	Seminar in Soil Science 2	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	4	Year-long	◎
EB39	Seminar in Microbial Management 1	Chihiro TANAKA, Yuko TAKEUCHI, Akira YOSHIMI	4	Year-long	
EB40	Seminar in Microbial Management 2	Chihiro TANAKA, Yuko TAKEUCHI, Akira YOSHIMI	4	Year-long	
EB41	Seminar in Ecological Information 1	Norihide HINOMOTO, Masahiro OSAKABE, Shuichi YANO	4	Year-long	◎
EB42	Seminar in Ecological Information 2	Norihide HINOMOTO, Masahiro OSAKABE, Shuichi YANO	4	Year-long	◎
EB59	Seminar in Data Processing 1	TBD, Kazunori FUJISAWA, Shoichi KIYAMA, Khonesavanh VILAYVONG	4	Year-long	
EB60	Seminar in Data Processing 2	TBD, Kazunori FUJISAWA, Shoichi KIYAMA, Khonesavanh VILAYVONG	4	Year-long	
EB61	Seminar in Water Resources Engineering 1	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	4	Year-long	
EB62	Seminar in Water Resources Engineering 2	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	4	Year-long	
EB63	Seminar in Hydrological Environment Sciences 1	Kimihito NAKAMURA, Takehide HAMA	4	Year-long	
EB64	Seminar in Hydrological Environment Sciences 2	Kimihito NAKAMURA, Takehide HAMA	4	Year-long	
EB65	Seminar in Rural Planning 1	Satoshi HOSHINO, Kenichiro ONITSUKA, Mrittika BASU	4	Year-long	◎
EB66	Seminar in Rural Planning 2	Satoshi HOSHINO, Kenichiro ONITSUKA, Mrittika BASU	4	Year-long	◎
EB67	Seminar in Agricultural Systems Engineering 1	Hiroshi NAKASHIMA, Juro MIYASAKA, Katsuaki OHDOI	4	Year-long	
EB68	Seminar in Agricultural Systems Engineering 2	Hiroshi NAKASHIMA, Juro MIYASAKA, Katsuaki OHDOI	4	Year-long	
EB69	Seminar in Field Robotics 1	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	4	Year-long	◎
EB70	Seminar in Field Robotics 2	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	4	Year-long	◎
EB71	Seminar in Bio-Sensing Engineering 1	Naoshi KONDO, Yuichi OGAWA, Tetsuhito SUZUKI, Keiichiro SHIRAGA	4	Year-long	◎
EB72	Seminar in Bio-Sensing Engineering 2	Naoshi KONDO, Yuichi OGAWA, Tetsuhito SUZUKI, Keiichiro SHIRAGA	4	Year-long	◎
EB73	Seminar in Environmental Radiation Control 1	Yasuhito IGARASHI, Tomoyuki TAKAHASHI, Yuko KINASHI	4	Year-long	◎
EB74	Seminar in Environmental Radiation Control 2	Yasuhito IGARASHI, Tomoyuki TAKAHASHI, Yuko KINASHI	4	Year-long	◎
EC18	Laboratory Course in Comparative Agricultural Science 1	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	5	Year-long	
EC19	Laboratory Course in Comparative Agricultural Science 2	Takeshi MIYAKE, Hitoshi SHINJO, Ayako KATAYAMA	5	Year-long	
EC20	Laboratory Course in Forest Ecology 1	Kanehiro KITAYAMA, Naoya OSAWA	5	Year-long	
EC21	Laboratory Course in Forest Ecology 2	Kanehiro KITAYAMA, Naoya OSAWA	5	Year-long	
EC22	Laboratory Course in Forest Hydrology 1	Yoshiko KOSUGI, Ayaka SAKABE	5	Year-long	◎
EC23	Laboratory Course in Forest Hydrology 2	Yoshiko KOSUGI, Ayaka SAKABE	5	Year-long	◎
EC24	Laboratory Course in Forest Biochemistry 1	Yoichi HONDA, Masahiro SAKAMOTO, Takehito NAKAZAWA, Moriyuki KAWAUCHI	5	Year-long	◎
EC25	Laboratory Course in Forest Biochemistry 2	Yoichi HONDA, Masahiro SAKAMOTO, Takehito NAKAZAWA, Moriyuki KAWAUCHI	5	Year-long	◎
EC26	Laboratory Course in Tropical Agriculture 1	Hirokazu HIGUCHI, Tomohiro KONDO	5	Year-long	◎
EC27	Laboratory Course in Tropical Agriculture 2	Hirokazu HIGUCHI, Tomohiro KONDO	5	Year-long	◎
EC28	Laboratory Course in Soil Science 1	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	5	Year-long	◎
EC29	Laboratory Course in Soil Science 2	Shinya FUNAKAWA, Tetsuhiro WATANABE, Makoto SHIBATA	5	Year-long	◎
EC30	Laboratory Course in Microbial Management 1	Chihiro TANAKA, Yuko TAKEUCHI, Akira YOSHIMI	5	Year-long	
EC31	Laboratory Course in Microbial Management 2	Chihiro TANAKA, Yuko TAKEUCHI, Akira YOSHIMI	5	Year-long	
EC32	Laboratory Course in Ecological Information 1	Norihide HINOMOTO, Masahiro OSAKABE, Shuichi YANO	5	Year-long	◎
EC33	Laboratory Course in Ecological Information 2	Norihide HINOMOTO, Masahiro OSAKABE, Shuichi YANO	5	Year-long	◎

No.	Title	Instructor	Credits	Semester	Notes
EC50	Laboratory Course in Agricultural Facilities Engineering 1	TBD, Kazunori FUJISAWA, Shoichi KIYAMA, Khonesavanh VILAYVONG	5	Year-long	
EC51	Laboratory Course in Agricultural Facilities Engineering 2	TBD, Kazunori FUJISAWA, Shoichi KIYAMA, Khonesavanh VILAYVONG	5	Year-long	
EC52	Laboratory Course in Water Resources Engineering 1	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	5	Year-long	
EC53	Laboratory Course in Water Resources Engineering 2	Masayuki FUJIHARA, Koichi UNAMI, Junichiro TAKEUCHI	5	Year-long	
EC54	Laboratory Course in Hydrological Environment Sciences 1	Kimihito NAKAMURA, Takehide HAMA	5	Year-long	
EC55	Laboratory Course in Hydrological Environment Sciences 2	Kimihito NAKAMURA, Takehide HAMA	5	Year-long	
EC56	Laboratory Course in Rural Planning 1	Satoshi HOSHINO, Kenichiro ONITSUKA, Mrittika BASU	5	Year-long	◎
EC57	Laboratory Course in Rural Planning 2	Satoshi HOSHINO, Kenichiro ONITSUKA, Mrittika BASU	5	Year-long	◎
EC58	Laboratory Course in Agricultural Systems Engineering 1	Hiroshi NAKASHIMA, Juro MIYASAKA, Katsuaki OHDOI	5	Year-long	
EC59	Laboratory Course in Agricultural Systems Engineering 2	Hiroshi NAKASHIMA, Juro MIYASAKA, Katsuaki OHDOI	5	Year-long	
EC60	Laboratory Course in Field Robotics 1	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	5	Year-long	◎
EC61	Laboratory Course in Field Robotics 2	Michihisa IIDA, Masahiko SUGURI, Ryohei MASUDA	5	Year-long	◎
EC62	Laboratory Course in Bio-Sensing Engineering 1	Naoshi KONDO, Yuichi OGAWA, Tetsuhito SUZUKI, Keiichiro SHIRAGA	5	Year-long	◎
EC63	Laboratory Course in Bio-Sensing Engineering 2	Naoshi KONDO, Yuichi OGAWA, Tetsuhito SUZUKI, Keiichiro SHIRAGA	5	Year-long	◎
EC64	Laboratory Course in Environmental Radiation Control 1	Yasuhito IGARASHI, Tomoyuki TAKAHASHI, Yuko KINASHI, Hiroshi YASHIMA	5	Year-long	◎
EC65	Laboratory Course in Environmental Radiation Control 2	Yasuhito IGARASHI, Tomoyuki TAKAHASHI, Yuko KINASHI, Hiroshi YASHIMA	5	Year-long	◎
EA33	Special Lecture on Environmental Science and Technology I	Satoshi TOBITA	1	Oct-Mar (intensive)	
EA34	Special Lecture on Environmental Science and Technology II	Tetsuo YASUTAKA	1	Apr-Sep (intensive)	
EA35	Special Lecture on Environmental Science and Technology III	Masahiko MATSUDA	1	Oct-Mar (intensive)	
EA36	Special Lecture on Environmental Science and Technology IV		1	(intensive)	NA in AY2021
EA37	Special Lecture on Environmental Science and Technology V	Shizuka HASHIMOTO	1	Apr-Sep (intensive)	
EA41	Special Lecture on Environmental Science and Technology VI	Kazunori IWABUCHI	1	Apr-Sep (intensive)	
EA42	Special Lecture on Environmental Science and Technology VII		1	(intensive)	NA in AY2021
EA43	Special Lecture on Environmental Science and Technology VIII		1	(intensive)	NA in AY2021
EA46	Special Lecture on Environmental Science and Technology IX	Shin-ichiro AIBA	1	Oct-Mar (intensive)	
EZ00	Master's Thesis				

Requirements by Division of Environmental Science and Technology

- Attend all the lectures, seminars and laboratory courses given by your laboratory.
- In addition to the lectures specified by 1), earn more than 4 credits given by the Division.
- In order to take other laboratories' seminars or laboratory courses, get permission from your supervisor and the instructor.
- 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.
- Although some intensive courses have different instructors every year, a course can be registered once only and not allowed to take same course two times.
- Course title with "1" are for first year students and "2" are for second year students.
- 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.
- Subjects with "◎ marks" may be given in English when any of international students wish to attend.