

FY 2017

Nagoya University

ESD

Program

Nagoya University
Education for Sustainable Development
Consortium Program with 6 Graduate Schools



5 Nagoya University Graduate Schools (Environmental Studies, International Development, Bioagricultural Studies, Engineering, and Economics) which relate to sustainable development (SD) established the **Nagoya University Education for Sustainable Development (ESD) Program** in 2013 . From 2017, the Graduate School of Humanities has been added as the 6th graduate school to join the ESD Program.

The Nagoya University Academic Charter states that we seek to "Contribute to global exchange, especially with Asian countries, by promoting international academic collaboration and the education of international students".

In November 2014, the UNESCO World Conference on ESD of the UN's Decade of Education for Sustainable Development (2005 - 2014) held in Nagoya, Nagoya University submitted to UNESCO a commitment to enhance the Nagoya University ESD Program in order to realize the Global Action Plan which formulated at the UNESCO World Conference on ESD.

In 2015, the UN adopted the Agenda for Sustainable Development Goals (SDGs) for 2030.

The graduates of Nagoya University, who are expected to be global SD leaders, must understand the basics of and share SD values and knowledge as part of their liberal arts study, and they must balance discipline-type and solution-type research and education related to SD.

Students enrolled in any of the graduate schools (Initial Postgraduate Program) can earn credits by taking courses at the other graduate schools (check the graduate school or department's provisions on courses for details), and therefore they can use this system to take subjects necessary for this program.

Approximately, 1,000 students in total join this program annually, and about 80 of them take subjects at another graduate school every year.

	Total number of students who have joined the program	Total number of students who have taken subjects at another graduate school
FY 2013	1,028	81
FY 2014	986	85
FY 2015	944	82
FY 2016	1,080	115



See our website for details on this program and ESD-related information.

Nagoya University Education & Research Center for Sustainable Co-Development(SusCoDe)

<http://www.nuesd.env.nagoya-u.ac.jp>

2017 Course Lists of Graduate Schools

Graduate School of Environmental Studies (GSES)

Syllabus: http://www.env.nagoya-u.ac.jp/syllabus/cur/sylla_senko.php?sen=common&kat=ze

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Frontiers of Environmental Studies 2	Lecture	M 1, 2	Spring (1 & 2 in alternate year)	2	Lecture Room 2/GSES	Prof. Yasuhiro Mori(Lead), Assoc. Prof. Satoru Iizuka, Assoc. Prof. Masaru Miyawaki, Assoc. Prof. Fuminobu Ozaki	alternate Thu.	4th, 5th
Field Seminar on Environmental Studies	Seminar	M 1, 2	Spring	2	Lecture Room 1/GSES	Prof. Yasushi Yamaguchi (Lead)	Wed.	5th
Eco-Business Innovation	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Kimiaki Yasuda, et al.	Fri.	3rd
Social-Ecological Systems	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Yoshihiro Natsuhara	Wed.	2nd
Introduction for Sustainable Development	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSES	Prof. Tsuneo Takeuchi, Prof. Masao Takano, Prof. Hirokazu Kato, Assoc. Prof. Hisashi Komatsu, et al.	Wed.	3rd
Sustainability and Environmental Studies	Lecture	M 1, 2	Fall	2	Lecture Room 2/GSES	Prof. Hiroki Tanikawa, Prof. Takayuki Morikawa	Fri.	2nd
Studies on Water Environment	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSES	Assoc. Prof. Noriyuki Kawamura (Lead)	Wed.	2nd
Environmental Studies on Natural Resources and Energy	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Prof. Masao Takano	Thu.	2nd
Practical Seminar on Developing Sustainable Local Communities	Seminar	M 1, 2	Year-Round	4	Lecture Room 3/GSES	Prof. Masao Takano, Prof. Satoshi Yokoyama, et al.	Mon.	3rd
Science and Technology for Disaster Mitigation 1A: Understanding Natural Hazard	Lecture	M 1, 2	Spring	2	Gensai Hall/ Disaster Mitigation Research Center	Prof. Yasuhiro Suzuki, Prof. Koushun Yamaoka, Prof. Kazuhisa Tsuboki, Prof. Jun Tobita, Prof. Toshihiro Noda, Prof. Norimi Mizutani, Designated Prof. Masafumi Mori, Assoc. Prof. Kazuaki Hori	Fri.	2nd
Science and Technology for Disaster Mitigation 1B: Social Science Approaches	Lecture	M 1, 2	Fall	2	Lecture Room 2/GSES	Prof. Makoto Takahashi, Assoc. Prof. Kenji Muroi	Wed.	1st
Science and Technology for Disaster Mitigation 2: Methodology for Disaster Mitigation	Lecture	M 1, 2	Fall	2	Gensai Hall/ Disaster Mitigation Research Center	Assoc. Prof. Nagahisa Hirayama, Assoc. Prof. Takuya Nagae, Prof. Nobuo Fukuwa	Thu.	2nd
Science and Technology for Disaster Mitigation 3A: Practical Actions for Disaster Mitigation (1)	Lecture	M 1, 2	Spring	1	Gensai Hall/ Disaster Mitigation Research Center	Prof. Jun Tobita	TBD	TBD
Science and Technology for Disaster Mitigation 3B: Practical Actions for Disaster Mitigation (2)	Lecture	M 1, 2	Fall	1	Gensai Hall/ Disaster Mitigation Research Center	Prof. Jun Tobita	TBD	TBD
Low Carbon Cities Studies	Lecture	M 1	Spring	2	Lecture Room 2/GSES	Prof. Hiroki Tanikawa, Visiting Prof. Heinz Schandl, Visiting Prof. Tsuyoshi Fujita, Visiting Assoc. Prof. Minoru Fujii	Wed.	2nd
Climate Change Policies	Lecture	M 1, 2	N/A	2	—	—	—	—
Water and Waste Management Policies	Lecture	M 1	Spring	2	Lecture Room 1/GSES	Designated Prof. Victor Muhandiki	Wed.	1st
Theory of Environmental Resources Management	Lecture	M 1, 2	N/A	2	—	—	—	—
Environmental Urban Systems	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Assoc. Prof. Miho Iryo	Mon.	2nd
English Communication in Environmental Issues	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Designated Prof. Victor Muhandiki	Tue.	5th
Special Lecture on Environmental Studies (English language) 1	Lecture	M 1, 2	TBD	1	Lecture Hall/GSES	Academic Affairs Committee	TBD	TBD
Special Lecture on Environmental Studies (English language) 2	Lecture	M 1, 2	TBD	1	TBD	Academic Affairs Committee	TBD	TBD
Introduction to Earth and Planetary Sciences	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Assoc. Prof. Yasuhiro Hirahara, Prof. Shinichi Shirono, Prof. Hiroshi Hidaka, Lec. Hisako Terakawa, Assoc. Prof. Itsuki Sudo, Asst. Prof. Yui Kouketsu, Assoc. Prof. Yoshihiro Asahara	Tue.	1st
Global and Urban Warnings	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Kenji Kai, Prof. Masato Shinoda, Prof. Kazuo Osada, Assoc. Prof. Kouji Fujita, et al.	Tue.	1st
Housing and Environment	Lecture	M 1, 2	Fall	2	Lecture Room 3/GSES	Assoc. Prof. Teruyuki Saito, Prof. Satoru Kuno, Prof. Atsushi Katagi, Assoc. Prof. Kazuhisa Tsunekawa, Prof. Masaomi Teshigawara, Assoc. Prof. Tadanori Furukawa	Tue.	2nd
Environmental Policies and Strategies	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Prof. Tsuneo Takeuchi	Tue.	3rd
Environmental Law	Lecture	M 1, 2	Spring	2	C445/Main Building for Inter-Departmental Education	Assoc. Prof. Yoko Masuzawa	Thu.	1st
Classes and Research Instruction in Basic Environmental Studies I	Seminar	D 1, 2	Year-Round	2	TBD	Prof. Masao Takano, Prof. Tsuneo Takeuchi, Prof. Seiichiro Watanabe, Prof. Hirokazu Kato, Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD
Classes and Research Instruction in Basic Environmental Studies II	Seminar	D 2	Year-Round	2	TBD	Prof. Masao Takano, Prof. Tsuneo Takeuchi, Prof. Seiichiro Watanabe, Prof. Hirokazu Kato, Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD
On-site Research Training in Clinical Environmental Studies I	Field	D 1, 2	Year-Round	2	TBD	Prof. Hirokazu Kato, Assoc. Prof. Hiroyuki Hirano, Assoc. Prof. Noriyuki Kawamura, Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD
On-site Research Training in Clinical Environmental Studies II	Field	D 2	Year-Round	2	TBD	Prof. Hirokazu Kato, Assoc. Prof. Hiroyuki Hirano, Assoc. Prof. Noriyuki Kawamura, Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD

Graduate School of International Development (GSID)

Syllabus: <http://syllabus3.gsid.nagoya-u.ac.jp/Syllabuses/index/sort:year/direction:asc?lang=en>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Introduction to International Development	Lecture	M 1, 2	Spring	2	Auditorium	GSID Faculty Members (Lead:Prof. Koichi Usami & Prof. Ito)	Wed.	3rd
Japan's Development Experience	Lecture	M 1, 2	Fall	2	Auditorium	GSID Faculty Members (Lead: Assoc. Prof. Ueda & Prof. Ohashi)	Wed.	3rd
Development Cooperation	Lecture	M 1, 2	Intensive	2	TBD	Adjunct Prof. Masakazu Someya	TBD	TBD
Development Assistance	Lecture	M 1, 2	Intensive	2	TBD	TBD	TBD	TBD
International Understanding and Community	Lecture	M 1, 2	N/A	2	—	—	—	—

Graduate School of International Development (GSID) Syllabus: <http://syllabus3.gsid.nagoya-u.ac.jp/Syllabuses/index/sort:year/direction:asc?lang=en>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Theory on Non-Governmental Organizations	Lecture	M 1, 2	N/A	2	—	—	—	—
Development Economics	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSID	Prof. Shigeru Otsubo	Tue.	2nd
Law and Development Studies	Lecture	M 1, 2	Spring	2	Lecture Room 1/GSID	Assoc. Prof. Yuzuru Shimada	Thu.	2nd
Development Politics (Governance) I	Lecture	M 1, 2	Spring	2	Lecture Room 1/GSID	Assoc. Prof. Wataru Kusaka	Thu.	3rd
Development Politics (Governance) II	Lecture	M 1, 2	Fall	2	Seminar Room 3/GSID	Assoc. Prof. Isamu Okada	Fri.	2nd
Peacebuilding	Lecture	M 1, 2	Spring	2	Seminar Room 7/GSID	Prof. Yukiko Nishikawa	Mon.	2nd
Development Sociology	Lecture	M 1, 2	Spring	2	Seminar Room 7/GSID	Prof. Sanae Ito	Tue.	5th
Analytical Theory of Cross- Cultural Correlation	Lecture	M 1, 2	N/A	2	—	—	—	—
Theory of Asian Cultural Interchange	Lecture	M 1, 2	N/A	2	—	—	—	—
Immigration and Settlement	Lecture	M 1, 2	N/A	2	—	—	—	—
Cultures and Identities	Lecture	M 1, 2	N/A	2	—	—	—	—
International Environmental Cooperation I	Lecture	M 1, 2	Spring	2	Lecture Room 4/Info-Sci. Bldg.	Prof. Yukari Takamura (GSES)	Wed.	2nd
International Environmental Cooperation II	Lecture	M 1, 2	N/A	2	—	—	—	—
Lecture on Economic Development Policy and Management I (Sustainable Tourism and Development)	Lecture	M 1, 2	Fall	2	Seminar Room 9/GSID	Prof. Tetsuo Umemura	Thu.	2nd

Graduate School of Bioagricultural Studies (GSBS) Syllabus: <http://www.agr.nagoya-u.ac.jp/graduate-school/grsc-kougiyouuran.html>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Principles of Bioagricultural Sciences 1	Lecture	M 1, 2	Spring	2	Lecture Room 12/GSBS	TBD	Tue.	1st
Basics of Bioagricultural Sciences	Lecture	M 1, 2	TBD	1	TBD	Lecturer Naoko Inoue	TBD	TBD
Basics of Bioresource Cycling System Science	Lecture	M 1, 2	Spring	1	Lecture Room 6/GSBS	Prof. Akira Yamauchi, Prof. Akira Watanabe, Assoc. Prof. Takanori Imai, Lecturer Shiro Mitsuya	Fri.	3rd
Basics of Plant Production and Ecology	Lecture	M 1, 2	Spring	1	Lecture Room 6/GSBS	Prof. Motohiko Kondo, Assoc. Prof. Katsuya Yano, Prof. Mitsutaka Taniguchi, Prof. Chisato Takenaka, Assoc. Prof. Kazukiyo Yamamoto, Prof. Nobuhiro Tomaru, Assoc. Prof. Michiko Nakagawa	Fri.	4th
Basics of Regional Bioresources Management	Lecture	M 1, 2	Spring	1	438	Prof. Takeshi Ota	Thu.	3rd
Basics of Biomaterial Sciences	Lecture	M 1, 2	Spring	1	470	Prof. Yasutoshi Sasaki, Prof. Satoru Tsuchikawa, Prof. Hiroyuki Yamamoto, Assoc. Prof. Hideyuki Yokochi, Prof. Kazuhiko Fukushima, Assoc. Prof. Masato Yoshida, Assoc. Prof. Yasuyuki Matsushita, Assoc. Prof. Mariko Yamazaki	Wed.	3rd
International Cooperation in Agricultural Sciences 1	Lecture	M 1, 2	Intensive	2	TBD	Assoc. Prof. Kasumi Ito, Assoc. Prof. Yoshiaki Inukai	TBD	TBD

Graduate School of Engineering (ENGG) Syllabus: <http://syllabus.engg.nagoya-u.ac.jp/syllabus/kamoku.html?n=Lw75adnHcrY%3D&k=wpX3izGdMLU%3D&p=ypioa6aFTQE%3D>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Civil Engineering and Policies for Developing Countries II	Lecture	M 2	N/A	2	—	—	—	—
Advanced Theory of River Basin Management	Lecture	M 1	Spring	2	Seminar Room 2/ENGG Bldg. 9	Prof. Yuji Toda	Tue.	2nd
Conservation and Ecotoxicology of Soil and Water	Lecture	M 1	Spring	2	Seminar Room 2/ENGG Bldg. 9	Prof. Arata Katayama	Thu.	2nd
Civil Engineering and Policies for Developing Countries I	Lecture	M 1	Fall	2	911/ENGG Bldg. 9	Prof. Kiichiro Hayashi	Wed.	3rd, 4th

Graduate School of Economics (SOEC) Syllabus: <http://www2.soec.nagoya-u.ac.jp/campusinfo/>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Theme Workshop (Economics of Low-Carbon)	Seminar	M1-D3	Year-Round	2	Seminar Room 18/SOEC	Prof. Jinjun Xue	TBD	TBD

Graduate School of Humanities(GSH) Syllabus: <http://www.hum.nagoya-u.ac.jp/education/education-sub2/>

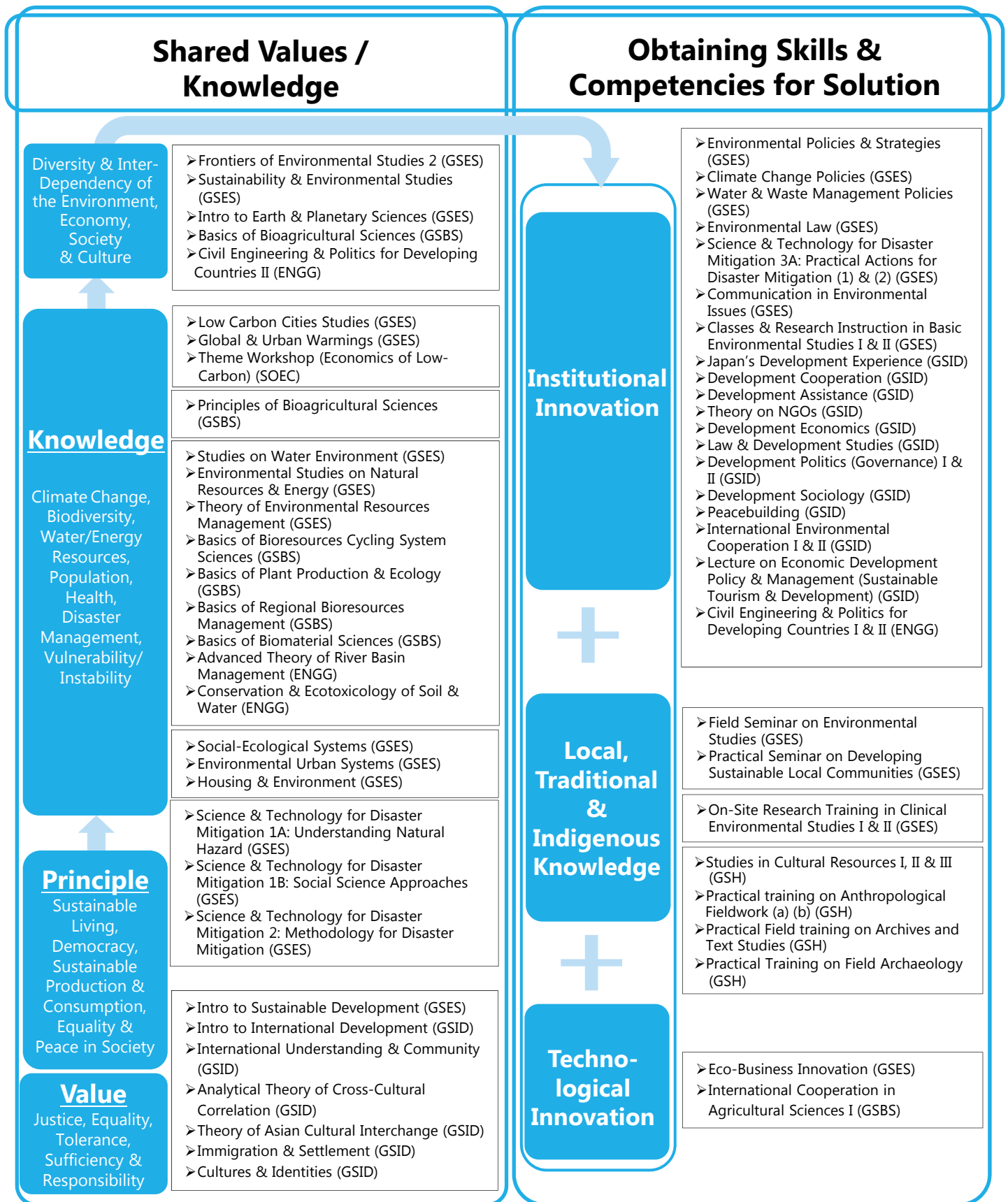
Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Practical Training on Field Archaeology*	Seminar	M 1, 2	Intensive	4	TBD	Prof. Naoto Yamamoto, Assoc. Prof. Yoshimitsu Kajiwara, Asst. Prof. Nobuyuki Ito, Asst. Prof. Akira Ichikawa	TBD	TBD
Practical training on Anthropological Fieldwork (a)	Seminar	M 1, 2	Spring	2	TBD	Prof. Shigehiro Sasaki	Mon.	4th
Practical training on Anthropological Fieldwork (b)	Seminar	M 1, 2	Fall	2	TBD	Prof. Shigehiro Sasaki	Mon.	4th
Practical Field training on Archives and Text Studies	Seminar	M 1, 2	Spring	2	TBD	Prof. Yasuro Abe, Assoc. Prof. Kensuke Chikamoto	Tue.	4th
Studies in Cultural Resources I	Seminar	M 1, 2	Spring	2	TBD	Prof. Tomohiro Furuoya, Assoc. Prof. Yoshimitsu Kajiwara	Mon.	5th
Studies in Cultural Resources II	Seminar	M 1, 2	Spring	2	TBD	Prof. Shoji Haga, Prof. Tomohiro Furuoya	Mon.	1st
Studies in Cultural Resources III	Seminar	M 1, 2	Fall	2	TBD	Prof. Shoji Haga, Prof. Tomohiro Furuoya	Mon.	1st

*Please contact Assoc. Prof. Yoshimitsu Kajiwara (kajiwara@lit.nagoya-u.ac.jp) before attending (except for Archaeology Students)

Classes taught in English

Classes may be taught in English (depending on the request of the students)

FY2017 The ESD Consortium Program Mechanism



**Nagoya University Education for Sustainable Development Program
by 6 Graduate Schools (GSES, GSID, GSBS, ENGG, SOEC, GSH)**