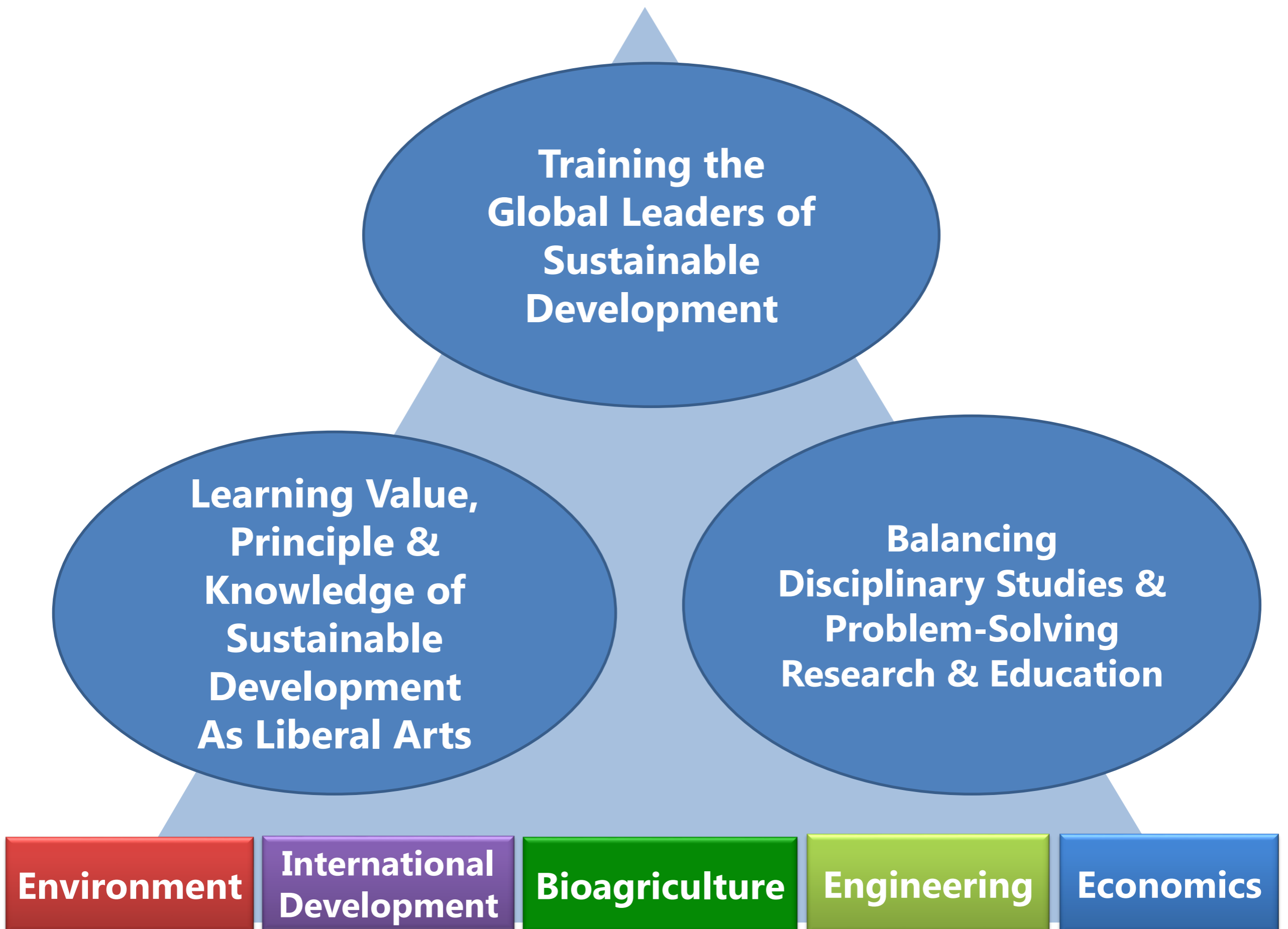


2016年度 名古屋大学大学院5研究科連携ESDプログラム

Nagoya University ESD Consortium Program with 5 Graduate Schools



Graduate students enrolled in the 5 Graduate Schools of Nagoya University are encouraged to take the courses listed in this Education for Sustainable Development (ESD) Consortium Program, designed to produce the future global leaders of ESD. Master's students of Nagoya University are eligible to count 10 credits at maximum that are earned by taking courses offered at other than your enrolled graduate school into the total credits required for graduation. For details of the requirements, please consult at your graduate school office.

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

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

2016 Course Lists of 5 Graduate Schools

Graduate School of Environmental Studies (GSES)

Syllabus: http://www.env.nagoya-u.ac.jp/english/students/index.html#students_07

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Frontiers of Environmental Studies 1	Lecture	M 1, 2	Fall (1 & 2 in alternate year)	2	Lecture Room 2/GSES	Prof. Masato Shinoda (Lead)	Wed	4
Field Seminar on Environmental Studies	Seminar	M 1, 2	Spring	2	Lecture Room 1/GSES	Prof. Yasushi Yamaguchi (Lead)	Wed	5
Eco-Business Innovation	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Kimiaki Yasuda, et al.	Fri	3
Social-Ecological Systems	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Yoshihiro Natsuhara	Wed	2
Introduction for Sustainable Development	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSES	Prof. Tsuneo Takeuchi, Prof. Masao Takano, et al.	Wed	3
Sustainability and Environmental Studies	Lecture	M 1, 2	Fall	2	Lecture Room 2/GSES	Prof. Hiroki Tanikawa, Prof. Takayuki Morikawa	Fri	2
Studies on Water Environment	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSES	Assoc. Prof. Noriyuki Kawamura (Lead)	Wed	2
Environmental Studies on Natural Resources and Energy	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Prof. Masao Takano	Thu	2
Practical Seminar on Developing Sustainable Local Communities	Seminar	M 1, 2	Year-Round	4	Lecture Room 3/GSES	Prof. Masao Takano	Mon	3
Science and Technology for Disaster Mitigation 1A: Understanding Natural Hazard	Lecture	M 1, 2	Spring	2	Lecture Room 3/GSES	Prof. Yasuhiro Suzuki, Prof. Muneyoshi Furumoto, Prof. Koushun Yamaoka, Prof. Jun Tobita, Prof. Toshihiro Noda, Prof. Norimi Mizutani, Designated Prof. Masafumi Mori, Assoc. Prof. Kazuaki Hori, Assoc. Prof. Yu Hiroi	Fri	2
Science and Technology for Disaster Mitigation 1B: Social Science Approaches	Lecture	M 1, 2	Fall	2	Lecture Room 2/GSES	Prof. Makoto Takahashi, Prof. Yoshihiko Kuroda, Prof. Shigeyoshi Tanaka, Assoc. Prof. Kenji Muroi	Wed	1
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. Takuya Nagae, Prof. Nobuo Fukuwa	Thu	2
Science and Technology for Disaster Mitigation 3A: Practical Actions for Disaster Mitigation (1)	Lecture	M 1, 2	Spring	1	Gensai Hall (TBD)/ 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 (TBD)/ 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. Tsyuyoshi Fujita, Visiting Prof. Minoru Fujii	Wed	2
Climate Change Policies	Lecture	M1, 2	N/A	2	-	-	-	-
Water and Waste Management Policies	Lecture	M 1	Spring	2	Lecture Room 1/GSES	Designated Prof. Victor Muhandiki	Wed	1
Theory of Environmental Resources Management	Lecture	M 1, 2	N/A	2	-	-	-	-
Environmental Urban Systems	Lecture	M 1, 2	N/A	2	-	-	-	-
English Communication in Environmental Issues	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Designated Prof. Victor Muhandiki	Tue	5
Special Lecture on Environmental Studies (English language) 1	Lecture	M 1, 2	TBD	1	-	Academic Affairs Committee	TBD	-
Special Lecture on Environmental Studies (English language) 2	Lecture	M 1, 2	TBD	1	-	Academic Affairs Committee	TBD	-
Introduction to Earth and Planetary Sciences	Lecture	M 1, 2	Fall	2	Lecture Room 1/GSES	Prof. Shinichi Shirono, Assoc. Prof. Hiroaki Katsuragi, Assoc. Prof. Yasuhiro Hirahara, Assoc. Prof. Itsuki Sudo, Assoc. Prof. Kouichi Mimura, Assoc. Prof. Chihiro Hashimoto	Tue	1
Global and Urban Warmings	Lecture	M 1, 2	Spring	2	Lecture Room 1/GSES	Prof. Kenji Kai, Prof. Masato Shinoda, Assoc. Prof. Kazuo Osada, Assoc. Prof. Kouji Fujita, et al.	Tue	1
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. Tadatoshi Furukawa	Tue	2
Environmental Policies and Strategies	Lecture	M 1, 2	Spring	2	Lecture Room 2/GSES	Prof. Tsuneo Takeuchi	Tue	3
Environmental Law	Lecture	M 1, 2	Fall	2	Lecture Room C445/Info-Sci.	Assoc. Prof. Yoshihiro Akabuchi	Tue	4
Classes and Research Instruction in Basic Environmental Studies I	Seminar	D 1, 2	TBD	2	-	Prof. Tsuneo Takeuchi, Prof. Masao Takano, Prof. Seiichiro Watanabe, Designated Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD
Classes and Research Instruction in Basic Environmental Studies II	Seminar	D 2	TBD	2	-	Prof. Tsuneo Takeuchi, Prof. Masao Takano, Prof. Seiichiro Watanabe, Designated Assoc. Prof. Noriko Sugiyama, et al.	TBD	TBD
On-site Research Training in Clinical Environmental Studies I	Field	D 1, 2	TBD	2	-	Assoc. Prof. Hirokazu Kato, Assoc. Prof. Yasuhiro Hirano, Assoc. Prof. Noriyuki Kawamura, Prof. Masao Takano, Designated Assoc. Prof. Noriko Sugiyama	TBD	TBD
On-site Research Training in Clinical Environmental Studies II	Field	D 2	TBD	2	-	Assoc. Prof. Hirokazu Kato, Assoc. Prof. Yasuhiro Hirano, Assoc. Prof. Noriyuki Kawamura, Prof. Masao Takano, Designated Assoc. Prof. Noriko Sugiyama	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. Tetsuo Umemura & Assoc. Prof. Wataru Kusaka)	Wed	3
Japan's Development Experience	Lecture	M 1, 2	Fall	2	Auditorium	GSID Faculty Members (Lead: Prof. Takiyoshi Yonezawa & Assoc. Prof. Wataru Kusaka)	Wed	3
Development Cooperation	Lecture	M 1, 2	Intensive	2	TBD	Adjunct Prof. Masakazu Someya	TBD	TBD
Development Assistance	Lecture	M 1, 2	Intensive	2	TBD	Visiting Prof. Masafumi Nagaishi, et al.	TBD	TBD
International Understanding and Community	Lecture	M 1, 2	N/A	2	-	-	-	-
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	2
Law and Development Studies	Lecture	M 1, 2	Spring	2	Seminar Room 9/GSID	Assoc. Prof. Yuzuru Shimada	Thu	2
Development Politics (Governance) I	Lecture	M 1, 2	Spring	2	Lecture Room 1/GSID	Assoc. Prof. Wataru Kusaka	Thu	2
Development Politics (Governance) II	Lecture	M 1, 2	Fall	2	Seminar Room 3/GSID	Assoc. Prof. Isamu Okada	Fri	2
Peacebuilding	Lecture	M 1, 2	Spring	2	Seminar Room 8/GSID	Assoc. Prof. Yukiko Nishikawa	Mon	2
Development Sociology	Lecture	M 1, 2	Spring	2	Seminar Room 7/GSID	Prof. Sanae Ito	Mon	5
Analytical Theory of Cross-Cultural Correlation	Lecture	M 1, 2	N/A	2	-	-	-	-
Theory of Asian Cultural Interchange	Lecture	M 1, 2	Fall	2	Seminar Room 3/GSID	Prof. Tatsuhiko Sakurai	Thu	4
Immigration and Settlement	Lecture	M 1, 2	Spring	2	Seminar Room 9/GSID	Assoc. Prof. Igor Saveliev	Wed	1
Cultures and Identities	Lecture	M 1, 2	Fall	2	Seminar Room 5/GSID	Assoc. Prof. Ayako Uchida	Tue	5
International Environmental Cooperation	Lecture	M 1, 2	Spring	2	Lecture Room 4/Info-Sci.Bldg.	Prof. Yukari Takamura (GSES)	Wed	2
International Environmental Cooperation	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	2

Graduate School of Bioagricultural Studies (GSBS)

 Syllabus: <http://www.agr.nagoya-u.ac.jp/index-e.html>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Principles of Bioagricultural Sciences I	Lecture	M1,2	Spring	2	Lecture Room 7/GSBS	Faculty Members of GSBS Dept. Biosphere Resources Science	Thu	1
Basics of Bioagricultural Sciences	Lecture	M1,2	TBD	1	TBD	Lecturer Naoko Inoue	TBD	TBD
Basics of Bioresource Cycling System Science	Lecture	M1,2	Spring	1	Lecture Room 6/GSBS	Prof. Akira Yamauchi, Prof. Akira Watanabe, Assoc. Prof. Takanori Imai, Asst. Prof. Shiro Mitsuya	Fri	3
Basics of Plant Production and Ecology	Lecture	M1,2	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	4
Basics of Regional Bioresources Management	Lecture	M1,2	Spring	1	438	Prof. Takeshi Ota	Thu	3
Basics of Biomaterial Sciences	Lecture	M1,2	Spring	1	470	Prof. Yasutoshi Sasaki, Prof. Satoru Tsuchikawa, Prof. Hiroyuki Yamamoto, Assoc. Prof. Hideyuki Yokochi, Prof. Kazuhiko Fukushima, Assoc. Masato Yoshida, Prof. Assoc. Prof. Yasuyuki Matsushita, Assoc. Prof. Mariko Yamazaki	Wed	3
International Cooperation in Agricultural Sciences I	Lecture	M1,2	Intensive	2	TBD	Assoc. Prof. Kasumi Ito, Assoc. Prof. Yoshiaki Inukai	-	-

Graduate School of Engineering (ENGG)

 Syllabus: <http://syllabus.engg.nagoya-u.ac.jp/syllabus/index.html?gcf=hcoJwpNbDq4%3D>

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Civil Engineering and Policies for Developing Countries II	Lecture	M2	Fall	2	911/ENGG Bldg. 9	Civil Engineering Dept. Faculty Members	Wed	5, 6
Advanced Theory of River Basin Management	Lecture	M1	Spring	2	Seminar Room 2/ENGG Bldg. 9	Assoc. Prof. Yuji Toda	Tue	3, 4
Conservation and Ecotoxicology of Soil and Water	Lecture	M1	Spring	2	Seminar Room 2/ENGG Bldg. 9	Prof. Arata Katayama	Thu	3, 4
Civil Engineering and Policies for Developing Countries I	Lecture	M1	N/A	2	-	-	-	-

Graduate School of Economics (SOEC)

 Syllabus: http://www.soec.nagoya-u.ac.jp/index_e.html

Course Title	Format	Class	Semester	Credit	Room	Instructors	Day	Period
Theme Workshop (Resource · Environment · Economic Growth)	Seminar	M1-D3	Year-Round	2	Seminar Room 18/SOEC	Prof. Jinjun Xue	TBD	TBD

	Lectures in English
	Lectures in Japanese with English interpretation or in English only (depends on the number of international students in the class).

The ESD Consortium Program Mechanism

Shared Values / Knowledge

Diversity & Inter-Dependency of the Environment, Economy, Society & Culture

Knowledge

Climate Change, Biodiversity, Water/Energy Resources, Population, Health, Disaster Management, Vulnerability/Instability

Principle

Sustainable Living, Democracy, Sustainable Production & Consumption, Equality & Peace in Society

Value

Justice, Equality, Tolerance, Sufficiency & Responsibility

Frontiers of Environmental Studies 2 (GSES)
Sustainability & Environmental Studies (GSES)
Intro to Earth & Planetary Sciences (GSES)
Basics of Bioagricultural Sciences (GSBS)
Civil Engineering & Politics for Developing Countries II (ENGG)

Low Carbon Cities Studies (GSES)
Global & Urban Warmings (GSES)
Theme Workshop (Economics of Low-Carbon) (SOEC)

Principles of Bioagricultural Sciences (GSBS)

Studies on Water Environment (GSES)
Environmental Studies on Natural Resources & Energy (GSES)
Theory of Environmental Resources Management (GSES)
Basics of Bioresources Cycling System Sciences (GSBS)
Basics of Plant Production & Ecology (GSBS)
Basics of Regional Bioresources Management (GSBS)
Basics of Biomaterial Sciences (GSBS)
Advanced Theory of River Basin Management (ENGG)
Conservation & Ecotoxicology of Soil & Water (ENGG)

Social-Ecological Systems (GSES)
Environmental Urban Systems (GSES)
Housing & Environment (GSES)

Science & Technology for Disaster Mitigation 1A: Understanding Natural Hazard (GSES)
Science & Technology for Disaster Mitigation 1B: Social Science Approaches (GSES)
Science & Technology for Disaster Mitigation 2: Methodology for Disaster Mitigation (GSES)

Intro to Sustainable Development (GSES)
Intro to International Development (GSID)
International Understanding & Community (GSID)
Analytical Theory of Cross-Cultural Correlation (GSID)
Theory of Asian Cultural Interchange (GSID)
Immigration & Settlement (GSID)
Cultures & Identities (GSID)

Obtaining Skills & Competencies for Solutions

Institutional Innovation

Local, Traditional & Indigenous Knowledge

Technological Innovation

Environmental Policies & Strategies (GSES)
Climate Change Policies (GSES)
Water & Waste Management Policies (GSES)
Environmental Law (GSES)
Science & Technology for Disaster Mitigation 3A: Practical Actions for Disaster Mitigation (1) & (2) (GSES)
Communication in Environmental Issues (GSES)
Classes & Research Instruction in Basic Environmental Studies I & II (GSES)
Japan's Development Experience (GSID)
Development Cooperation (GSID)
Development Assistance (GSID)
Theory on NGOs (GSID)
Development Economics (GSID)
Law & Development Studies (GSID)
Development Politics (Governance) I & II (GSID)
Development Sociology (GSID)
Peacebuilding (GSID)
International Environmental Cooperation I & II (GSID)
Lecture on Economic Development Policy & Management (Sustainable Tourism & Development) (GSID)
Civil Engineering & Politics for Developing Countries I & II (ENGG)

Field Seminar on Environmental Studies (GSES)
Practical Seminar on Developing Sustainable Local Communities (GSES)

On-Site Research Training in Clinical Environmental Studies I & II (GSES)

Eco-Business Innovation (GSES)
International Cooperation in Agricultural Sciences I (GSBS)

Nagoya University

Education for Sustainable Development Consortium Program