

## ANNOUNCEMENT

### GSGES Spring Semester Course in Kyoto University (**Revised**)

GSGES (Graduate School of Global Environmental Studies), Kyoto University invites graduate students to join a Spring Semester Course for studying at Kyoto University under the auspices of two projects: the “Project for the Creation of Trans - ASEAN Environmental and Social Innovators through Development of Overseas Satellites”, the “Top Global University Project”, and the “Re-inventing Japan Project”. The course consists of several lecture classes in the GSGES master’s program, supervision on specific research topics by relevant professors at GSGES, a field trip and other educational activities.

Number of students to be accepted: 8 with scholarship and a few without scholarship

Course includes: Opportunity to join the official course of the Master’s Program at GSGES, supervision and training for your thesis study, and other educational activities such as a field trip. Each applicant may choose subjects according to his/her study topic. Eight credits or more can be obtained from interdisciplinary course work on environmental issues through the spring semester. A certificate will be issued to those who have completed the course requirements. These credits may be transferred if your graduate school recognizes GSGES credits. You may also publish working papers on the project web site.

Fields of study: Environmental management, including science, social science, engineering, and agriculture. See the latter part of this document for details.

Qualified applicants: Students who are registered in a full-time or part-time graduate (master’s or doctoral) course at the listed universities below who will continue their program after completing study in Japan.

- Hanoi University of Science and Technology (INEST) (Vietnam)
- Hue University (College of Agriculture and Forestry / College of Science) (Vietnam)
- Danang University of Science and Technology (Vietnam)
- Royal University of Agriculture (Cambodia)
- Bogor Agricultural University (Indonesia)
- Bandung Institute of Technology (SAPPK) (Indonesia)
- University of Indonesia (Indonesia)
- Mahidol University (Thailand)
- Kasetsart University (Thailand)
- Chulalongkorn University (Thailand)

Completion requirements: Presentation of study plan, completion of four compulsory subjects (8 credits), final presentation, study report, interview, continuing contact with the course by SNS or e-mail.

Duration of stay in Kyoto: 6 (six) months (From the beginning of April to the end of September)

Scholarship coverage: - A round-trip flight ticket from the nearest airport to Kansai Airport  
- Living expense of JPY 80,000 per month (includes national health insurance expense, partial coverage of room rental expenses)  
- Room rent subsidy when required (depending on location).  
<Tuition fee in Kyoto University can be exempted for both students (with/without scholarship)>

Selection schedule & method: By application document screening and interview.

**9<sup>th</sup> November to 18<sup>th</sup> December (extended again): Document submission**

**20<sup>th</sup> to 22<sup>nd</sup> December: Notification of document screening results**

**4<sup>th</sup> to 17<sup>th</sup> January: Interview**

**Late January: Announcement of final selection results**

Documents for application: 1. Application form

2. Latest academic transcripts (**undergraduate course, and graduate course (if available)**)
3. CV (acrobat pdf or Microsoft Word file)
4. Certification of your current student status
5. Copy of your passport (page with facial photography page and passport number, validity)

Application form 1 and scanned images of documents 2, 3, 4, and 5 must be submitted **through e-mail (160audit@mail2.adm.kyoto-u.ac.jp)** before **18<sup>th</sup>** December. All scanned images should be with 300dpi or higher resolution, and be highly legible. All Original documents must arrive by registered airmail or EMS / before **4<sup>th</sup> January 2018** (normally, EMS takes two days to one week, Air mail takes one-two weeks to Japan).

Postal address for original documents: Senior Lecturer Ryo Kikuchi, GSGES Spring Semester Course Office, Graduate School of Global Environmental Studies, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto, 606-8501 Japan.

Tel: +81-75-753-5635

E-mail: **160audit@mail2.adm.kyoto-u.ac.jp**

Web-site for applicants: This announcement and application form can be downloaded from the following website.

<http://www2.ges.kyoto-u.ac.jp/en/news/>

GSGES 2017 Curriculum Guidelines (学事要綱) is for reference only (this will be revised for academic year 2018 in February), which can be downloaded from the following website.

[https://www2.ges.kyoto-u.ac.jp/wp-content/uploads/2014/02/%E5%AD%A6%E4%BA%8B%E8%A6%81%E7%B6%B12017\\_%E7%B4%8D%E5%93%81%E7%94%A8.pdf](https://www2.ges.kyoto-u.ac.jp/wp-content/uploads/2014/02/%E5%AD%A6%E4%BA%8B%E8%A6%81%E7%B6%B12017_%E7%B4%8D%E5%93%81%E7%94%A8.pdf)

We encourage applications for this course from students with a strong interest and high academic ability for international academic exchange.

**15<sup>th</sup> December 2017**

Prof. Shigeo Fujii

Coordinator, GSGES Spring Semester Course

Graduate School of Global Environmental Studies, Kyoto University

**Attachment 1: For reference: Model class schedule for spring semester (subject to change)**

The highlighted classes are compulsory classes (8 credits) for students entering the Spring Semester Course.

Other classes not listed here will also be offered. The complete list of available classes for FY2018 will be announced in February 2018.

Hours		Period*	Monday		Tuesday	Wednesday	Thursday	Friday
1	08:45-10:15	1 <sup>st</sup> half	3217: Landscape Ecology and Planning (1 credit)		3251: Watershed water environment management (1 credit)	3213: Environmental Infrastructure Engineering (1 credit)		
		2 <sup>nd</sup> half	3282: Ecosystem Production and Dynamics (1 credit)			3281: Atmospheric Chemistry (1 credit)		
2	10:30-12:00	1 <sup>st</sup> half	3102: Global Environmental Engineering (2 credits)			3105: Global Environmental Policy and Economics (2 credits)		3103: Management of Global Resources and Ecosystems (2 credits)
		2 <sup>nd</sup> half						
Lunch								
3	13:00-14:30	1st half	3601: Information Processing for Environmental Management (2 credits)	4002: Environment and Society in Southeast Asia (2 credits)				
		2 <sup>nd</sup> half						
4	14:45-16:15	1st half					4518: Marine Ecosystem and Biodiversity (1 credit)	
		2 <sup>nd</sup> half						
5	16:30-18:00	1 <sup>st</sup> half	4505 New Environmental Engineering I, Advanced (2 credits)		3104: Environmental Ethics and Environmental Education (2 credits)	4541: Integrated Watershed and Coastal Management (2 credits)	4501: Environmental Leadership A (1 credit)	
		2 <sup>nd</sup> half						

period: 1<sup>st</sup> half (April – May), 2<sup>nd</sup> half (June – July)

## Attachment 2: List of possible research themes with name of supervisors (subject to change)

Available supervisors and research fields for FY2018 Spring-Semester Course

No	Laboratory / Supervisor	Study topics
01	Global Ecological Economics Assoc. Prof. Akihisa MORI, GSGES	Economics and/or policy of energy Economics and/or policy of climate change mitigation/adaptation
02	Global Environmental Policy Prof. Makoto USAMI, Senior Lecturer Ryo KIKUCHI, GSGES	Environmental policy, policy analysis, climate justice, environmental law
03	Environmental Education Assoc. Prof. Misuzu ASARI, GSGES	Environmental Education (waste management, 3R (reduce, reuse and recycle), ecological lifestyle, campus sustainability, etc.)
11	Environmental Biotechnology Prof. Hideaki MIYASHITA, GSGES	Phycology, microbial ecology, microalgae diversity, primary reaction of photosynthesis, biodiesel production
12	Atmospheric Chemistry Prof. Yoshizumi KAJI, GSGES	Air pollution, oxidants, smog, aerosols, NOx, VOCs, ozone, acid rain
13	Environmentally-friendly Industries for Sustainable Development Prof. Shigeo FUJII, Assoc. Prof. Shuhei TANAKA, GSGES	Environmental engineering (water & wastewater treatment, sanitation, water pollution, POPs, etc.)
14	Environmental Infrastructure Engineering Prof. Takeshi KATSUMI, Assoc. Prof. Toru INUI, Assist. Prof. Atsushi TAKAI, GSGES	Geoenvironmental engineering, geotechnical engineering (waste landfill, soil and groundwater contamination, environmental-friendly infrastructure development)
15	Global Environmental Architecture Assoc. Prof. Hirohide KOBAYASHI, GSGES	Locally-based architecture, Environmental design, Humanitarian and social design, natural disaster and human settlement
16	Environmental Health Sciences Prof. Hirohisa TAKANO, Assoc. Prof. Kayo UEDA, GSGES	Environmental epidemiology Environmental toxicology Health sciences
17	Urban Infrastructure Engineering Prof. Kunitomo SUGIURA, Assoc. Prof. Eiji HARADA, Assist. Prof. Tomohiro TANAKA, GSGES	Life-cycle design of infrastructures, Life-extension and recycle-reuse of infrastructures, Water-related environment preservation and water-related disaster mitigation
18	Resource Recycling Science Prof. Masaki TAKAOKA, Assoc. Prof. Kazuyuki OSHITA, GSE	Solid waste management, Sewage sludge treatment etc.
21	Landscape Ecology and Planning Prof. Shozo SHIBATA, GSGES	Landscape Ecology and Planning, Satoyama management etc.
22	Regional Planning Assoc. Prof. Izuru SAIZEN, Assistant Prof. Narumasa TSUTSUMIDA	Land/Water use management, GIS application, Remote sensing, Rural development
23	Ecosystem Production and Dynamics Prof. Akira OSAWA, Assoc. Prof. Naoki OKADA, Assist. Prof. Masako DANNOURA, GSGES	forest, stand development, carbon dynamics, tree ecophysiology, tree-ring, succession, climate change
24	Terrestrial Ecosystems Management Prof. Shinya FUNAKAWA, Assoc. Prof. Hitoshi SHINJO, GSGES	Agricultural ecology, forest ecology, soil science, land management, etc.
25	Tropical Agriculture Prof. Eiji NAWATA, GSA	Agricultural ecology, Agricultural resources, Crop evolution, Environmental stress, Farming systems, Herb, Land use, Southeast Asia, Spice, Utilization of bioresources
26	Forest Resources and Society Prof. Mamoru KANZAKI, GSA	Tropical Forestry, Sustainable Forest Management, Deforestation and Local livelihood, and Long-term-Ecological Monitoring of Tropical Forests
27	Sustainable Rural Development Prof. Satoshi HOSHINO, GSGES	Resilience building of rural community, Rural revitalization, Community development

GSGES: Graduate School of Global Environmental Studies, GSE: Graduate School of Engineering  
GSA: Graduate School of Agriculture