



**京都大学**  
 KYOTO UNIVERSITY  
 GRADUATE SCHOOL OF ENERGY SCIENCE



ASEAN  
 University  
 Network

## Winter Seminar on HSD and Energy Science

This seminar is designed for undergraduate students to study the concept of Human Security Development (HSD) and Energy Science. The main theme of this seminar is energy development, which is an important issue in Human Security Development. The participating students are expected to deepen their knowledge on human security development and energy science with the prospect of finding solutions to technological, socio-economic and political issues in Asia specifically. The seminar will offer lectures and class discussions as well as organize field trips and cultural events. Applicants are not limited to engineering, economics, or science – all fields are welcome.

**Tentative Program: (9 – 21 January, 2017) Place: Kyoto University, Kyoto Japan**

Date	Schedule	Date	Schedule
9 (Mon)	◆Arrival in Japan	16 (Mon)	◆Solar energy ◆Energy grid
10 (Tue)	◆Guidance, introduction of Kyoto University ◆Introduction to HSD	17 (Tue)	◆Energy and Sustainability Workshop ◆Wind energy
11 (Wed)	◆Global energy situation ◆Energy efficiency	18 (Wed)	◆Lecture on Technologies for reducing CO <sub>2</sub> emissions ◆Group work for their presentation I ◆Debate
12 (Thu)	◆Energy technologies	19 (Thu)	◆Electricity market and future grid ◆Group work for their presentation II
13 (Fri)	◆Field study trip	20 (Fri)	◆Group work for finalizing their presentation ◆Group presentation, Wrap up discussion
14 (Sat)	◆Field study trip	21 (Sat)	◆Leave Japan
15 (Sun)	◆Cultural tour		

### Application

- All participants are required to pay a JPY10,000 participation fee, which includes field studies, and other necessary expenses during the seminar. Note: Participants must pay travel expenses by themselves – further details in the application guide.
- Target students: Undergraduate level
- Number to be admitted: 25 students in total from AUN member universities
- Applicants must apply online through the ACTS Scheme website. <http://acts.ui.ac.id/>
- Deadline for application & nomination: September 15, 2016

### Contact

- E-mail: [energykyoumu@mail2.adm.kyoto-u.ac.jp](mailto:energykyoumu@mail2.adm.kyoto-u.ac.jp)

