



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



## 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: (13 – 25 January, 2020) Place: Kyoto University, Kyoto Japan**

Date	Schedule (tentative)	Date	Schedule (tentative)
13 (Mon)	◆Arrival in Japan	20 (Mon)	◆Energy Efficiency ◆Technologies for Reducing CO <sub>2</sub> Emissions
14 (Tue)	◆Guidance, introduction of Kyoto University ◆Solar Energy	21 (Tue)	◆Energy and Sustainability Workshop
15 (Wed)	◆Energy Storage ◆Wind Turbine	22 (Wed)	◆Biomass energy ◆Debate
16 (Thu)	◆Energy Grid or Liq. Hydrogen, Superconductivity ◆Hydrogen Energy	23 (Thu)	◆Global Energy Situation ◆Group work for their presentation
17 (Fri)	◆Field study trip	24 (Fri)	◆Group work for finalizing their presentation ◆Group presentation, Wrap up discussion
18 (Sat)	◆Field study trip	25 (Sat)	◆Leave Japan
19 (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
- The number to be admitted: 25 students in total from overseas universities.
- For further information, please refer to the application guidelines.

### Contact

- Website: <http://www.energy.kyoto-u.ac.jp/en/winter-seminar/>
- E-mail: [energykyoumu@mail2.adm.kyoto-u.ac.jp](mailto:energykyoumu@mail2.adm.kyoto-u.ac.jp)

