



Winter Seminar on HSD through Energy Science

This seminar is designed for undergraduate students to study the concept of Human Security Development (HSD) through 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 through 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: (11 – 23 January, 2021) Place: Kyoto University, Kyoto Japan

Date	Schedule (tentative)	Date	Schedule (tentative)
11 (Mon)	◆Arrival in Japan	18 (Mon)	◆Energy Efficiency ◆Technologies for Reducing CO ₂ Emissions
12 (Tue)	◆Guidance, introduction of Kyoto University ◆Solar Energy	19 (Tue)	◆Energy and Sustainability Workshop
13 (Wed)	◆Energy Storage ◆Wind Turbine	20 (Wed)	◆Biomass energy ◆Debate
14 (Thu)	◆Energy Grid or Liq. Hydrogen, Superconductivity ◆Hydrogen Energy	21 (Thu)	◆Global Energy Situation ◆Group work for their presentation
15 (Fri)	◆Field study trip	22 (Fri)	◆Group work for finalizing their presentation ◆Group presentation, Wrap up discussion
16 (Sat)	◆Field study trip	23 (Sat)	◆Leave Japan
17 (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.
- **Due to the spread of coronavirus infection, this seminar may be held online. And the content of the seminar is subject to change.**

Contact

- Website: <http://www.energy.kyoto-u.ac.jp/en/winter-seminar/>
- E-mail: energyyoumu@mail2.adm.kyoto-u.ac.jp



**Winter Seminar on
Human Security Development through Energy Science at Kyoto University**

Application Document for Admission, January 11-23, 2021

Photo 3cm×3.4cm
taken within
6 months

1. Name in full, in native language _____ , _____ , _____ Male (男)
(姓名 (自国語)) (Family name) (First name) (Middle name) Female (女)

_____ , _____ , _____
In English block capitals (Family name) (First name) (Middle name)
(ローマ字)

2. Nationality (国籍) _____

3. Date of birth (生年月日) _____
Year Month Day Age (年齢)

4. Present status (June 2021): with school year, faculty and the name of the university attended
(在籍大学名及び在籍年次 (学科・学年))

School year: _____ / Faculty: _____ / Name of the university: _____

5. University address and telephone number / facsimile number / e-mail address

(大学住所及び電話番号／ファクス番号／e-mailアドレス)

Address / _____

Telephone number / _____ Facsimile number / _____

E-mail address / _____

6. Present (mailing) address and telephone number / facsimile number / e-mail address

(現住所及び電話番号／ファクス番号／e-mailアドレス)

Address / _____

Telephone number / _____ Facsimile number / _____

E-mail address / _____

7. Educational background (学歴)

	Name and Address of School (学校及び所在地)	Officially Required Years for Graduation (正規の 修学年数)	Year and Month of Entrance and Completion (Expected to Completion) (入学及び 卒業(見込)年月)	Period of Schooling you have attended (修学年数)	Diploma or Degree awarded, Major subject (学位・資格、専攻科目)
Elementary Education (初等教育) Elementary School (小学校)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and months (月)	
Secondary Education (中等教育) Lower Secondary School (中学)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and months (月)	
Upper Secondary School (高校)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and months (月)	
Higher Education (高等教育) Undergraduate Level (大学)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and months (月)	
Graduate Level (大学院)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and months (月)	
Total years of Schooling (以上を通算した全学校教育修業年数)		yrs (年)		yrs (年)	

Note: The students who will leave their university before the date of this seminar cannot apply.

8. Japanese language proficiency (日本語能力)

ReadingWritingSpeaking

読む能力

書く能力

話す能力

9. Condition of health (健康状態)

excellent (きわめて良好) good (良好) fair (普通) poor (虚弱)

10. GPA

GPA _____

11. Questionnaire (アンケート)

1. Which topics in Energy do you want to study?
 - Renewable Energy Technology (Solar Energy, Bio-energy, Wind-Energy etc.)
 - Nuclear Energy (fission and/or fusion)
 - Energy Related Materials Science
 - Energy Policy and Scenario Planning
 - Energy Socio-Economics
 - Energy related Environmental Issues (Global warming, pollution control etc)
 - All

2. Are you considering continuing your studies in graduate school?
 - Yes (definitely)
 - No
 - Under Consideration

12. Recommendation of applicant from supervising professor of the university attended (在籍大学の指導教員の推薦)

Name _____ Signature _____
(氏名) (署名)
Title _____ Date _____
(職) (日付)

Applicant's signature _____

(申請者署名)

Date of Application _____

Year Month Day

**Winter Seminar on
Human Security Development through Energy Science at Kyoto University**

Application Document for Admission, January 11-23, 2021

Name: _____

Please write your statement of purpose in the box below in English.

Statement of purpose

Please answer the questions below* (*Mandatory):

Should you fail in the selection for the JASSO scholarship, do you still intend to apply for this seminar provided that you agree to cover the participation fee and other costs mentioned in III.Costs.2?

YES / NO

Signature : _____

Application Guidelines for the “Winter Seminar on Human Security Development through Energy Science”

Date: January 11-January 23, 2021

Place: Kyoto University (Japan)

※ **Due to the spread of coronavirus infection, it is likely to be held online.**

If it's held online, the program of the seminar is subject to change. (The classes and group work will be held online too, but field trip and cultural tour will not be done.)

I. Objective

This seminar is co-organized by the Graduate School of Energy Science (GSES) of Kyoto University and the ASEAN University Network-Kyoto University Student Mobility Program toward Human Security Development.

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

II. Criteria and eligibility

1. Applicants must be undergraduate students from ASEAN University Network (AUN) member universities (see Table 1 below) at the time of the seminar.

Note: The students who will leave their universities before the date of this seminar cannot apply.

2. Applicants are required to have a consistently good academic record in the previous academic year and a good command of English.

3. Applicants must be in a good health.

4. Successful applicants must attend all the classes and events in the seminar. (Not allowed to participate if you arrive late or leave before the end of the seminar.)

5. There is no limitation on applicants' fields of study or age.

6. Number of students to be admitted: 25 (※ Even if it's held online, that number is the same.)

Table 1: List of AUN member universities

Country	Institution name
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Brunei Darussalam	Universiti Brunei Darussalam
Cambodia	Royal University of Phnom Penh; Royal University of Law and Economics
Indonesia	Universitas Indonesia; Gadjah Mada University; Institute Teknologi Bandung; Universitas Airlangga
Laos	National University of Laos
Malaysia	Universiti Sains Malaysia; University of Malaya; Universiti Kebangsaan Malaysia; Universiti Putra Malaysia; Universiti Utara Malaysia
Myanmar	Yangon Institute of Economics; University of Yangon; University of Mandalay
Philippines	University of the Philippines; De La Salle University; Ateneo de Manila University
Singapore	National University of Singapore; Nanyang Technological University; Singapore Management University
Thailand	Chulalongkorn University; Mahidol University; Chiang Mai University; Prince of Songkla University; Burapha University
Vietnam	Vietnam National University, Hanoi; Vietnam National University, Ho Chi Minh City; Can Tho University

III. Costs

Participants are required to pay a nominal participation fee and the costs of their transport and food as detailed below. Kyoto University will provide accommodation.

1. Participation fee: JPY 10,000

This fee includes field studies, and other necessary expenses during the seminar.

All participants should pay this fee in cash in JPY on the first day of the seminar.

(※ If it's held online, participation fee is not required.)

2. Participants are also required to organize and pay the following costs:

(1) A round-trip flight ticket

(2) Travel expenses between the airport (e.g. Kansai International Airport, Osaka International Airport (Itami)) and Kyoto.

(3) Fees related to visa applications

(4) Travel insurance

(5) Cost of meals

3. Kyoto University will reserve a hotel for all participants. (Accommodation costs are covered by the program)

4. With regard to Japan cost of living please search at your side in the JASSO (Japan Student Services Organization) web site, etc.

IV. Scholarship

The 15 applicants as selected by the committee of the program will be eligible for a scholarship from JASSO. The amount of this scholarship is JPY 80,000 per person (tentative).

The program application also includes scholarship application, that is, applicants won't need other step to apply for the scholarship.

(※ If it's held online, this scholarship is gone.)

V. Certification

The Graduate School of Energy Science, Kyoto University, will issue a certificate to students who complete the seminar program. This program is equivalent to 2 Kyoto University credits, and the participating students are able to earn equivalent credits at their home university with its approval.

VI. Application procedure

Applicants must fill in and submit the following documents honestly, correctly and completely.

1. Application form (Form 1)
2. Statement of purpose (Form 2)
3. Academic transcripts issued as from July 2020 in English
4. Language proficiency supporting documents: it is preferable to submit language proficiency supporting documents such as scores of TOEFL/IELTS/other English tests (a table of score comparison with TOEFL must be attached), academic transcript of English language classes, list of research achievement conducted in English, certificate of international exchange program, and certificate issued by home university which certifies that the medium of instruction is English.
5. Photocopy of passport
 - Send scanned files by e-mail and keep the original copies.
 - If original copies of transcripts are written in languages other than English, notarized English translations must be attached.

◇ **Deadline for Submission: September 25, 2020**

Submit via google form https://docs.google.com/forms/d/e/1FAIpQLScNlnDXZkDhck9b5OnS0q5-UvRiNKXcOzkvMX2N9RNcZ93vg/viewform?usp=sf_link

VII. Selection, approval and notification

1. Applicants will be selected by the committee of the program, based on application documents.
2. The number of students to be admitted is 25: 15 with JASSO scholarship eligibility and 10 with non-scholarship.
3. Selection result (together with JASSO scholarship eligibility) will be noticed via e-mail in

around mid-November to all the applicants / host universities, from AUN Secretariat.

4. Kyoto University will send an admission notice and visa application form for short-term study in Japan to admitted students.

VIII. Contact information

Please refer to the short report on the previous program held in January 2020 on the following webpage: <http://www.energy.kyoto-u.ac.jp/en/winter-seminar/>

For further information on this seminar, please contact:

【Inquiry regarding submission of applications】

ASEAN University Network Secretariat

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【Contents of seminar】

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JAPAN

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