

Graduate Program  
for Fostering Frontiers of Practical Solutions  
in a Populations-Activities-Resources-Environments (PARE) Chain  
**Brief Course Guidelines for HU foreign students**

ASEAN countries have experienced rapid economic growth in recent years, resulting in expansion of middle-class populations and residential concentrations in cities. These urbanization phenomena cause the depletion of fossil fuels, water and land resources, and deterioration of environments. This exacerbates food shortages as well as sanitary and nutritional problems among the poor in particular.

As this vicious cycle in PARE (Populations-Activities-Resources-Environments) chain strongly affects the global environment, a broad array of activities must be implemented to instead make it positive. These should cover both rural and urban areas and encompass a variety of sectors including forest conservation and development, waste management, biomass utilization, transportation, renewable energy promotion and energy conservation.

To produce leaders and create a network to tackle these issues, PARE Program fosters human resources with the four requisites: “Field Research Capacity”, “Cross Cultural Capability”, “Frontier Spirit” and “Problem Solving Competencies” which are essential for practical resolutions in the PARE chain. The program offers an opportunity to work together with other students majoring in different fields with diverse national and cultural background to find out solutions on a various issues related to sustainable usage of resources and management in the PARE chain.

We invite you to take advantages of this opportunity.

- Note -

**Number of Students**

15 students from Hokkaido University

2-3 students/each consortium university(TU, KU, CU, ITP, IPB, UGM)

**Who we are looking for**

- 1) A student under master’s degree program or an undergraduate student who will continue to master’s degree program of affiliate university in the next year; and
- 2) A student who has a motivation and ability to contribute or tackle issues related to the PARE in Asia, or who is currently working on research project related to the PARE outlook and is interested in pursuing firsthand experience in field works and further expand their knowledge.

**Qualifications**

**1. English Ability**

- A student who has competent command of spoken and written English, which corresponds to:
  - 1) A TOEIC score of at least 740, or TOEFL(ITP/iBT/CBT) scores of at least 550/80/213,
  - 2) Other English certification that is equal/similar to the above

**2. Grade Point Average (GPA)**

- A student who has outstanding records and demonstrates strong personal character at their home institution, and has a minimum GPA of 2.30 from the previous academic year on the JASSO evaluation

Contact: PARE Central Office (pare@oia.hokudai.ac.jp)

scale. (If the previous year's GPA is not available, students can calculate their GPA from the previous semester.)

### **Requirements for Completion:**

#### PARE Short Program Completion Plan

	Subject Name		Credit
PARE Core Subjects (Compulsory)	Introduction to PARE	Introduction to PARE I,II,III,IV	1 credit/each
	PARE Short Program (Summer/Spring School)	Field Work Training I/II for PARE	2 credits
		Seminar I/ II for PARE	1 credit
Total Requirements (credits)			4 credits

### **Application Procedure**

1. Download application forms from our website (<http://pare.oia.hokudai.ac.jp/en/> )
2. Submit the following documents to the faculty's administrative office at HU and Liaison Office at consortium universities.
3. Complete registration of "Introduction to PARE" more than 1 course for HU students.
4. Complete registration of "Field Work Training & Seminar for PARE I(or/and)II for HU students.  
I: Summer School (Summer Semester)  
II: Spring School (Spring Semester)

### **Application Schedule**

Deadline of registration: up to your faculty

Deadline of application: April 27 Friday at your Faculty's administrative office

**PARE Short Program 2019** (It will take the form of a Spring School lasting 2 weeks)

**Spring School 2019 (mid February)** at Gadjadara University in Indonesia

- The fieldwork will be near River Basin

#### Field Work Training II for PARE (2 credits)

The course will comprise lectures and fieldwork training. Lecture topics will include site information, resource management, field survey methods, and sampling and measurement. Fieldwork training will include describing site characteristics, surveys, sampling, measuring and data processing.

\*This class will be implemented in conjunction with "Seminar II for PARE".

#### Seminar II for PARE (1 credit)

It will comprise group discussions and presentations.

\*These seminars will be implemented in conjunction with "Fieldwork training II for PARE".

### **PARE Scholarship**

JPY 70,000

### **Fee to cover by yourself**

1. Travel Cost: Flight ticket to Yogyakarta, Daily usage, domestic traveling expenses in Japan, Insurance
2. Registration Fee of 40,000JPY: Includes Local Accommodation fee and Transfer during Spring School

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