

# ***INTERNATIONAL DOCTORAL PROGRAM IN ENERGY SCIENCE***

## **GRADUATE SCHOOL OF ENERGY SCIENCE**

### **KYOTO UNIVERSITY**

June, 2010

#### **1. INTRODUCTION**

The Graduate School of Energy Science, Kyoto University, offers the International Doctoral Program in Energy Science, in which education and supervision of research work are fulfilled by using English language. The program is financially supported by the Japanese Government.

The primary objective of the International Doctoral Program in Energy Science, Kyoto University, is to provide foreign students and researchers holding a master's degree (or equivalent) with an opportunity to further their studies toward a doctoral degree at Kyoto University. The program also aims at nurturing international specialists with global view of energy science, and at promoting cultural exchanges as well as the formation of a worldwide personal network.

#### **1.1. Scholarship**

Students admitted to the program will be financially supported for three years through the Japanese Government (Monbukagakusho) Scholarship.

#### **1.2. Fundamental Eligibility**

One who applies to the International Doctoral Program in Energy Science, Kyoto University, must satisfy all of the following conditions:

- (1) He/she is an eligible applicant for the Japanese Government (Monbukagakusho) Scholarship obtainable through the recommendation of a Japanese university. (No one can apply for the Scholarship through more than one university.)
- (2) He/she is eligible to apply to the doctoral course of the Graduate School of Energy Science, Kyoto University.
- (3) He/she is a graduate of a university with which the Graduate School of Energy Science, Kyoto University, has signed an Agreement of International Academic Exchange. (Other agreements of equivalent standing are acceptable in place of the above agreement.)
- (4) He/she is not the holder of any doctoral level degree in principle.
- (5) A good command of English is required for an applicant. (Japanese language is not required.)

## **2. SUBJECTS, DEPARTMENTS, AND NUMBER TO BE ADMITTED**

### **2.1. Subjects**

In this Doctoral Program, students can obtain the necessary four credits (or units) by choosing ones among a variety of subjects presented in English.

### **2.2. Departments**

The following four departments are included in the Graduate School of Energy Science, Kyoto University. Each applicant must choose one of them as his/her major before application.

- ◆ Department of Socio-Environmental Energy Science
- ◆ Department of Fundamental Energy Science
- ◆ Department of Energy Conversion Science
- ◆ Department of Energy Science and Technology

A wide range of scientific fields is covered by the Graduate School of Energy Science, Kyoto University, and their details are described on the following homepage.

[http://www.energy.kyoto-u.ac.jp/index\\_eng.html](http://www.energy.kyoto-u.ac.jp/index_eng.html)

### **2.3. Number of Applicants to Be Admitted**

Eight applicants will be admitted.

## **3. ELIGIBILITY DETAILS**

### **3.1. Nationality and Related Restriction**

Applicants must be from one of the countries with which Japan has official diplomatic relations. If an applicant has already studied at a Japanese university as a recipient of the Japanese Government (Monbukagakusho) Scholarship, three years must have passed since he/she left Japan. Students who are currently studying in Japan cannot apply to this Program.

### **3.2. Age of Applicant**

Each applicant must be under 35 years of age as of April 1, 2011.

### **3.3. Academic Qualifications**

Each applicant must satisfy one of the following conditions by the end of September, 2011, otherwise the admission and scholarship will be cancelled.

- (1) He/she is the holder of a master's level degree.
- (2) He/she has been engaged in research for more than 2 years at universities or research institutes after graduation from a university or after completion of a 16-year school education, and is approved to be eligible by the Graduate School of Energy Science, Kyoto University.

- (3) He/she is 24 years of age or over and is approved to have an academic ability higher than or equivalent to a master's degree by the Graduate School of Energy Science, Kyoto University.

### **3.4. Physical and Mental Health**

Each applicant must be physically and mentally healthy enough to carry out his/her studies at Kyoto University.

### **3.5. Language Ability**

Each applicant must have a good command of English.

### **3.6. Other Conditions**

- (1) Each applicant must contact his/her prospective supervisor before application in the desired research field in the Graduate School of Energy Science, Kyoto University. Information about the faculty members and research fields is available in the School Affairs Office (see 9. CORRESPONDENCE) and also on the website: ([http://www.energy.kyoto-u.ac.jp/index\\_eng.html](http://www.energy.kyoto-u.ac.jp/index_eng.html)).
- (2) Each admitted student must arrive in Japan between October 1 and October 7, 2011
- (3) Applicants who are currently active soldiers will not be accepted.
- (4) For a student couple, the Japanese Government can only offer a scholarship to one party.
- (5) Any applicant, who is to receive a scholarship from his/her government or from any other foundation, will not be accepted as a recipient of the Japanese Government (Monbukagakusho) Scholarship.

## **4. SCHOLARSHIP AND OTHER FINANCIAL SUPPORT**

The following will be offered to successful applicants.

- (1) Allowance:

According to the fiscal 2010 budget, each grantee will be provided monthly with 155,000 to 158,000 yen(subject to change, however, depending upon the annual budget of each year). The scholarship will be payable for a period necessary to complete a doctoral course (at most 36 months).

- (2) Travel to and from Japan:

An economy class round trip airfare is offered between the international airport closest to the successful applicant's home address, and Kansai International Airport. However, a return air ticket will only be offered if he/she leaves Japan immediately after the scholarship ends.

- (3) School fees:

Successful applicants will be granted exemptions from entrance and tuition fees.

## **5. SELECTION AND ADMISSION**

### **5.1. The 1st Stage Selection**

The Graduate School of Energy Science, Kyoto University, examines the documents submitted by applicants. Selected applicants are recommended to the Japanese Government as applicants for the scholarship. Applicants will be informed of the result of this selection by around the end of March, 2011.

### **5.2. The 2nd Stage Selection**

The Japanese Government examines the documents of the applicants recommended by Kyoto University and decides whether the applicants are acceptable as recipients of the Japanese Government (Monbukagakusho) Scholarship. Applicants will be informed of the final decision by around the end of April, 2011. The Graduate School of Energy Science, Kyoto University, will send certificates of admission to students who have been admitted to the International Doctoral Program in Energy Science at the same time.

## **6. DOCUMENTS FOR 1ST AND 2ND STAGE SELECTIONS**

The following documents must be received on or before November 15, 2010 at

School Affairs Office  
The Graduate School of Energy Science,  
Kyoto University  
Yoshida-Honmachi, Sakyo-ku, Kyoto  
Kyoto 606-8501, Japan

- (1) Application form (attached).
- (2) Application for Japanese Government (Monbukagakusho) Scholarship  
(A sample application form for previous years is attached here for reference, and the application form in 2010 will be issued on our homepage;  
<http://www.energy.kyoto-u.ac.jp/doctoral/>).
- (3) Certificate of health issued within the last 2 months (attached).
- (4) A copy of an official document verifying the applicant's nationality. (This can be a photocopy of the applicant's passport.)
- (5) Certificates of Bachelor's and Master's Degrees (or equivalents).
- (6) Official academic records of undergraduate and graduate levels.
- (7) Recommendation letter addressed to the president of Kyoto University written by the dean of the graduate school.
- (8) Recommendation letter written by the supervisor, or equivalent person, at the undergraduate level and/or at the graduate level.
- (9) Recommendation letter written by the head of the applicant's employer (if the

- applicant is currently working).
- (10) Research plan at Kyoto University (3 pages of A4 sheets).
  - (11) List of scientific publications.
  - (12) Brief description of academic achievements (3 pages of A4 sheets).
  - (13) A copy of Master's Thesis (or equivalent).
  - (14) Summary of Master's Thesis (or equivalent, 3 pages of A4 sheets).
  - (15) Photograph taken within the last 6 months to be attached to the document (2).
  - (16) A copy of an official TOEFL (Test of English as a Foreign Language), GRE (Graduate Record Examination) General Test or TOEIC (Test of English for International Communication) score for a test taken within the last 24 months (unless the applicant's mother tongue is English).

Note: Please use the following codes when requesting your scores, which should be sent to the Graduate School of Energy Science, Kyoto University:  
Institution Code: 3814, Department Code: 1605 for GRE General Test, and  
Institution Code: 9501, Department Code: 69 for TOEFL.

All of the above documents except for the document (13) must be written in English, and will not be returned to the applicant.

## **7. TO BE SUCCESSFUL IN THE 1ST STAGE SELECTION**

The program is fundamentally based upon the Agreement of International Academic Exchange as pointed out in the item 1.2(3). Therefore, each applicant should ask his/her prospective supervisor or the School Affairs Office (see 9. CORRESPONDENCE) about this matter before application.

## **8. NOTIFICATION OF THE 2ND STAGE SELECTION**

Kyoto University will inform the applicants, who have passed the 1st stage selection of the application procedure, of the 2nd stage selection by the Japanese Government.

## **9. CORRESPONDENCE**

Inquiries should be addressed to:

School Affairs Office  
The Graduate School of Energy Science  
Kyoto University  
Yoshida-Honmachi, Sakyo-ku,  
Kyoto, Kyoto 606-8501, Japan  
Fax: +81-75-753-4745, E-mail: ic-energy@adm.t.kyoto-u.ac.jp