### 1. Overview

- **University**: Kyushu University (National)
- **Graduate School**: Graduate School of Bioresource and Bioenvironmental Sciences
- **URL of Graduate School**: [http://www.agr.kyushu-u.ac.jp/english/international/](http://www.agr.kyushu-u.ac.jp/english/international/)
- **Program name**: The International Development Research Course
- **Degrees**: Master of Science
- **Credit and years needed for graduation**: 30 Credits, 2 Years

**Note**: Compulsory subjects consist of the thesis (12 credits) and laboratory seminars (6 credits); module subjects offers 11 subjects and are required 10 credits; and 2 credits from a specialized subject offered by the department to which the student belongs.

### 2. Features of University

The Faculty of Agriculture at Kyushu University (formerly Kyushu Imperial University) was established in February 1919 and has since then been remarkably progressed in the academia while making great strides in the fields of agricultural science and technology research and education. The Graduate School of Bioresource and Bioenvironmental Sciences is aimed at conducting researches and education related to the maintenance of a stable supply of food and materials indispensable to life, the preservation of wildlife and the environment, and the health and welfare of mankind in the world.

**Location**: 6-10-1 Hakozaki Higashi-ku Fukuoka, 812-8581, JAPAN

The number of teaching staff at the entire University is 2,216 and the administrative 2,624

Student enrollment: Bachelor 11,705, Master 3,813, Doctor 2,773 and Specialized 462,

### 3. Features of Graduate school

Kyushu University has recently reformed its overall organization of undergraduate and graduate education programs. As a part of this reorganization, the University has introduced a new Graduate School/Graduate Faculty system - the first attempt of this kind at a university in Japan. By separating the former Graduate School into a Graduate School (education body) and Graduate Faculty (research body to which faculty members belong), the University is seeking to revitalize relationships between the Graduate Faculty and Graduate School, and Graduate Faculty and Undergraduate School. It is also hoped that these changes will promote more dynamic functioning of the Graduate Faculty in relation to the Graduate and Undergraduate Schools.

All members of teaching staff of the agricultural research and education departments now belong to the Faculty of Agriculture, all undergraduate students belong to the School of Agriculture, and all Master’s and Doctor’s course students belong to the Graduate School of Bioresource and Bioenvironmental Sciences.
In addition, a number of institutes in Kyushu University, but independent from the Faculty of Agriculture, have also merged with the Graduate School of Bioresource and Bioenvironmental Sciences; namely, the Biotron Institute, the Institute of Tropical Agriculture (in part), and the Bio-Architecture Center.

The Graduate School of Bioresource and Bioenvironmental Sciences consists of 4 departments (5 departments in case of Doctor’s course), each of which comprises 1 to 4 educational courses including over 60 laboratories (http://www.agr.kyushu-u.ac.jp/english/about/faculty/) covering various fields of agriculture, forestry, fishery, animal science, and agricultural economics. The current enrollment is 1,671 of which 1,017 are undergraduate and 674 graduate students (as of April, 2011). More than 150 international students, mostly graduate students, have come to study from various countries.

Currently, a total number of The faculty members and staff members is 272, of which the number of full-time academic researchers is over 174 including 61 full-professors, 63 associate professors and 50 assistant professors.

4. Features of Program
The International Development Research Course aims to build on the capacity of the above fields for international students from developed and developing countries whose aim is to contribute to worldwide sustainable development. The Master’s program emphasizes the acquirement of synthetic and practical abilities.

The International Development Research Course follows a 2 semester system, starting in October with the autumn term and followed by the spring term, unlike the standard course which is taught in Japanese and commences in April. On completing the courses, students will be awarded a Master of Science (M.Sc) degree. The common features of the Master’s and Doctor’s programs are as follows:

(1) Thesis work is carried out in English. Since the course is designed for international students, all thesis work should be carried out in English.
(2) Students are expected (but not required) to learn the Japanese Language during the course of their studies. This is for bettering communication during their everyday life.
(3) Theses should be based on research conducted during the course, and on completion, should be submitted to the Division of Agriculture, the Graduate School of Bioresource and Bioenvironmental Sciences at Kyushu University. If the examiners’ requirements are satisfied, an appropriate degree is to be awarded to the successful student.

Students will be awarded the Master of Science (M.Sc) on completion of their individual satisfactory theses. The MS Students are also required to complete a four-semester course over a two-year period. The course consists of lectures, practicals, seminars, and tutorials. Each MS student must obtain 30 credits with a minimum passing grade of 60%.

The Master’s Course in the program is a 24-month intensive full-time course consisting of several block modules given in English and research for thesis. The semester begins in October.
5. Necessary Curriculum to Obtain the Degrees

-Module Subjects-
Fundamentals of Agricultural Sciences
Biological Resources: Utilization and Conservation
Soil and Water Environments in Agriculture
International Rural Development
Advanced Technology in Agriculture
Food Science and Food System
Special Lecture on International Development I
Special Lecture on International Development II
Special Lecture on International Development III
Special Lecture on International Development IV
Domestic-International Field Training

-Specialized Subjects-
Agricultural Bioresources Sciences
Animal & Marine Bioresource Sciences
Forest and Forest Products Sciences
Bioproduction Environmental Sciences
Agronomy and Environmental Sciences
Agricultural and Resource Economics
Molecular Biosciences
Systems Biology
Applied Molecular Microbiology and Biomass Chemistry
Food Science and Biotechnology

-Compulsory Subjects-
Master’s Thesis Research I
Master’s Thesis Research II
Seminar in a Specified Field I
Seminar in a Specified Field II
Seminar in a Specified Field III

6. Academic Schedule
1st year Fall Semester (October – March)
   Entrance ceremony (October)
1st year Spring Semester (April – September)
2nd year Fall Semester (October – March)
2nd year Spring Semester (April – September)
   Defense of master's thesis
   Oral presentation (July)
   Graduation ceremony (September)

ACTIVITIES
Scientific Tours (2010)
May 22: Planting rice in terraced paddy fields (Ukiha town, Fukuoka)
July 18: Integrated rice and duck farming (Mr. Takao FURUNO’s farm, Keisen town, Fukuoka)
February: Organic liquid fertilizer and egg farm utilizing rice (Chikujo town, Fukuoka)
Seminars
Hybrid Rice & Agro-ecosystem
Japan-Korean joint seminar
Special seminar by invited lecturers etc.

7. Facilities
- Departments -
Applied Genetics & Pest Management, Agricultural & Resource Economics, Plant Resources,
Bioproduction Environmental Sciences, Bioscience & Biotechnology, Forest & Forest Products
Sciences, Animal & Marine Bioresource Sciences, Genetic Resources Technology

- Attached Institutes -
University Farm, University Forest, Fishery Research Laboratory, Institute of Biological Control
Institute of Genetic Resources, Kuku Agricultural Research Center

- Relating Institutes -
Biotron Institute, Institute of Tropical Agriculture, Bio-Architecture Center

- Other Facilities -
International Student Center
University Central Library
The Education & Health Care Division of the Institute of Health Science
Kyushu University International Students House

- International Student Center -
Kyushu University also has an International Student Center. Several international students
programs are held throughout the year, allowing you to meet and talk with people from all over the
world. It is also possible to enroll in Japanese language classes at the Center.

- University Central Library -
The University Library consists of three general libraries, the largest of which is located right
across the road from the International Student Center. The International Salon on the second floor
is equipped with 40 personal computers for the use of students and staff. In the International
Corner on the third floor, satellite broadcasting in Chinese, Korean and English is also available.
Computers and Internet access is possible from 9:00am to 5:00pm on weekdays in the computer
room. Computer facilities are also available in the Central Library.

- The Education & Health Care Division of the Institute of Health Science -
The Education & Health Care Division of the Institute of Health Science (IHS) offers physical and
psychological care service, the counseling and guidance of all students and staff members of
Kyushu University. The branch office of the Institute is located in the Hakozaki Campus.

- Accommodation -
Students enrolled on the Course are guaranteed a furnished single room with a private bathroom
and balcony at the Kyushu University International Students House (KUISH) for the first 6 months
after arrival at Kyushu University. KUISH is a self-catering hall located 3 km east of the main
Hakozaki campus. Access to Hakozaki campus is possible by bus (a 14-minute ride) or bike
(about 20 minutes), with cheap bikes being freely available.

8. List of faculty members capable guiding JDS students
○ Atsushi Yoshimura: Professor, Department of Applied Genetic and Pest Management
○ Eiichi Kuwano: Professor, Department of Applied Genetic and Pest Management
○ Masami Takagi: Professor, Department of Applied Genetic and Pest Management
○ Keiji Takasu: Associate Professor, Department of Applied Genetic and Pest Management
The supervising professors for JDS students are determined in April. We read his/her report and discuss which laboratories would be suitable for each JDS student and assign a laboratory and supervising professor.

9. Message for Applicants
The Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, is proud of its global top level of international education system for agricultural sciences, and the International Development Research Course for the Master students has been in service in the Graduate School since 1991. In this Course, all the classes and theses are conducted in English. The JDS Program for the Master’s has been with us in the Course since 2001. In this Program, some scientific tours for the JDS students have been offered from time to time during the two year Master course period for each student. The aims of these tours are to promote a greater understanding of policies, circumstances, and technologies in Japanese agriculture. Myanmar needs specialists in agriculture such as in production, infrastructural development of farmland, organization of various facilities, conservation of environment, and management of forest resources. At our School, we have three(sometimes up to six) JDS students from Myanmar every
year since 2003, and our professors have been working hard to provide them with affluent academic knowledge and pragmatic experiences, so that the JDS students can contribute for further development of Myanmar when they go back home after their graduation.