

#### 4 英語による専門教育プログラムの履修登録【履修対象:学部生のみ】

Courses Offered by Special Program (Conducted in English) :

「Agriculture, Food and Environment」

##### ◎ 「英語による専門教育プログラム」受講の勧め

日本人の学生はもとより海外からの留学生に対して、日本およびほかのアジア諸国における食料、農業ならびに環境に関する現状と課題を総合的に理解してもらうことを目的に、2002年度から開講しているものです。英語での授業を通じて、日本人の学生にとっては、自分の専門分野を英語で習得するよい機会となっており、それが留学プログラムを立案したり、International Studiesをより深く理解することに役立ち、また留学生にとっては日本語の授業で十分理解しえない部分を習得できる絶好の機会となります。将来を通じた自分のキャリア・ステップを考慮に入れて、受講されることを強く勧めます。

##### (1) Program Title:

Special Program (Conducted in English) : Agriculture, Food and Environment

##### (2) Rationale

An integrated approach is important for the solution of problems of mankind in such areas as food, environment, health, resources and energy, which are all mutually related and interwoven. The food problem generally refers to problems of food production, distribution and consumption, thus covering a wide range of topics. For instance, food production is closely related not only to natural environment but also agricultural and food processing technologies. Distribution of food is determined by political and economic mechanisms, while improved storage and distribution technologies have tremendously contributed to the widening scope of marketing. Food consumption is highly related to the level of income but culture, social norms and dietary habits are other key determinants of what and how people consume food.

Modern agricultural science has greatly contributed to increased food production, which has expanded beyond global population growth. However, problems of environmental destruction and unassured food safety have also emerged. The urgent need to assure environmental conservation and safe food supply are now globally recognized. At Tokyo University of Agriculture, a multidisciplinary, all-university-education program is now being offered for the study of food and environment. Integrated learning of agriculture, food and environmental issues guides students to see how they can make a contribution to solving global issues in the 21st century.

This program provides the opportunity for Japanese students as well as international students to gain holistic understanding on issues of food, agriculture and environment in Japan and other Asian countries.

##### (3) Time Table (in 2016)

This program was established in April 2002 (not listed in the 2002 course catalogue). The courses are offered to all students in 2016. It is our advice that you select courses according to your English ability.

##### 【First semester】

Comparative Nature Study from Cultural Perspective

Environment and Agriculture

Food and Environment in Economic Development

Food and Health 1

Forest and Forestry

Global Food Systems  
 Japanese Agricultural Development  
 Life history and Applications of Landscape Plants  
 Planning and Design of Landscape Architecture  
 Vegetable Production Technologies for International Cooperation  
 Field Study of Food and Environment(intensive)  
 Sustainable Agriculture in Asia(intensive)  
 Introduction to Bioindustry

**【Second semester】**

Agricultural Scientific English for International Cooperation  
 Agricultural Trade  
 Agro-Environmental Engineering  
 Comparative Developing Agriculture  
 Comparative Food Production Technologies  
 Ecology and Agricultural Production  
 Ecology and Food Production  
 Edo Aesthetics and Environmental Resiliency  
 Food and Health 2  
 Farmers and Consumers in Japan  
 Group Approach to Food and Environment(intensive)  
 Molecular Biology and Biotechnology  
 Eastern Hokkaido: Identifying Opportunities in a Region of Declining Population

**(4) Credits**

Each course carries two credits. Credits earned in this program can be counted for graduation requirements, to a maximum of 30 credits under the inter-faculty enrollment system, as specified in Article 15 (3) in the TUA Constitution.

**(5) Examination and Grade**

Examinations are conducted during the lecture period. Students are requested to follow the instruction of the lecturers. Since supplementary examinations will not be provided, unsuccessful students are required to re-enroll in the following years.

**(6) Fees Required**

No additional payment is required. However, as fieldtrips and experiments are needed, the students enrolled in Environment and Landscape of Japan, Environment Conservation in Asia, Field Study of Food and Environment, Group Approach to Food and Environment, and Sustainable Agriculture in Asia are required to cover their own expenses. Details will be given in the class.

**(7) You may sit-in under this program**

For those students who are interested in the program but are unsure of their English competency, auditing is allowed upon permission from the lecturer. No registration is required in this case, but students can make a formal registration after gaining confidence.