

DIRECTIONS FOR APPLICATION
for
THE SPECIAL PROGRAM FOR FOREIGN STUDENTS
IN ARID LAND AGRICULTURAL SCIENCES, 2004
(THE TWO-YEAR PRE-DOCTORAL COURSE)

Graduate School of Agriculture
Tottori University
Japan

The Graduate School of Agriculture, Tottori University, recruits prominent foreign students for the Special Program of the two-year course Master's program. This is for both applicants with the Japanese Government Scholarship (Monbukagakusho: MEXT, explained below) and without the Scholarship.

I. PURPOSE OF THE SPECIAL PROGRAM

The Special Program (SP) is designed to provide academically advanced education to study bioresources, environmental foundation and management for agriculture in the arid land areas in the world. The students are expected to learn the basic and applied sciences related to the areas so that they are able to conduct appropriate measures to deal with desertification and food supply issues.

II. PROCEDURE OF CURRICULUM

The SP is a two-year Master's course and defined as the Pre-Doctoral Course offered at the United Graduate School, Tottori University (UGS). A student in the SP have to earn more than 30 hour credits and write Master's thesis to obtain his/her degree of Master of Science.

The classes and the advise from the faculty members are conducted in English. The students are to develop individually their academic programs depending upon their home country situations and can take some courses, such as those courses provided by the JICA for water resource management in the arid land areas, within the category of the Master's course.

III. FIELDS OF STUDY AND NUMBER OF STUDENTS TO BE ADMITTED

1. Fields of Study

An applicant must select his/her field of study and the major advisor out of the list, List of Faculty Members for Special Program in Arid Land Agricultural Sciences, 2004, concerning agricultural production, environmental protection and farm management in the arid land areas.

2. Number of Students to be admitted

Four students with the Scholarship from the Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho) of the Japanese Government Scholarships (hereafter "Scholarship") and a few students funded privately or by the other sources (hereafter "Personal Funds").

Note:

All applicants for the Scholarship are selected and evaluated in order, and then, the selected applicants are recommended in accordance with the order by the University to the Monbukagakusho.

IV. QUALIFICATIONS

1. Nationality

Applicants with the Scholarship should be nationals from the countries where the Scholarship is decided to offer by Monbukagakusho. Applicants with Personal Funds are welcome for application for the SP regardless of their nationalities or residential experiences in Japan.

2. Age

Applicants with the Scholarship should be under 35 years old as of April 1, 2004; those born on or after April 2, 1969. There is no age limitation for the applicants with Personal Funds.

3. Academic career

An applicant has to be one of the following items.

- (1) A person with a undergraduate degree from a Japanese 4-year college or is expected to earn one by the end of September 2004.
- (2) A person who completed a 16-year education in a foreign country(s) or to be completed by the end of September 2004.
- (3) A person obtaining the career equitable to the proceeding items (1) or (2).

4. Health

Applicants should be in good mental and physical health.

5. Language proficiency

A good working level in English is required.

6. Arrival in Japan

The admitted students must arrive in Japan between October 1 and 7, 2004.

7. An applicant with the Scholarship must have a definite intention to pursue the Doctoral Program in the UGS after obtaining his/her Master's degree. If he/she were to go back to his/her home country after the SP would not be eligible to apply for the SP. Further, the academic performance were not at an excellent level, the SP student may not be allowed for the Doctoral Program in the UGS. (Refer to the item, V-4)

8. An applicant who is officially recommended by the university which holds an exchange agreement or has practically exchanged research activities with Tottori University.

9. Once he/she applies for admission for Monbukagakusho Scholarship, he/she must not withdraw from it.

Notes for applicants with the Scholarship:

- 1) Military related personnel are not eligible to apply, if they are to remain on duty during the period of study.
- 2) Applicants should not be living in Japan at the time of application. However, those who have been engaged in education and research for approximately 3 years in their own countries after the last Scholarship granted can apply.
- 3) The applicants whose spouses have been receiving the Scholarship will not be selected as grantees, and the same rule governs in the case of a married couple applying at the same time.
- 4) Persons who are to receive scholarships from other sources such as from their own governments are not eligible for the Scholarship of the Monbukagakusho.
- 5) Applications are not approved if the applicants are submitting simultaneously to the other universities and those applying together with recommendation through the Japanese Embassies or the Association of International Education, Japan which issues a short-term scholarship.
- 6) Persons, who were deported by the Japanese government in the past and are prohibited for re-entry, are not qualified for the SP.

V. APPLICANTS ON THE SCHOLARSHIP

** This Section is for those who apply for both the SP and the Scholarship. For those who do not apply for the Scholarship, skip to the Section VI.

1. Application Procedure

An applicant seeking for Scholarship should submit the following documents through the dean of his/her college, if he/she is a under-graduate student; the head of the institution, if employed; the dean of the university from which he/she graduated, if he/she is currently not employed. An application directly mailed by the applicant himself/herself is not accepted. As stated in the Section III, each applicant must select a professor as his/her prospective major advisor from the list, List of Faculty Members for Special Program in Arid Land Agricultural Sciences, 2004, and contact the professor, in advance, in preparing application documents. Any application without nominating a professor as his/her major advisor will not be accepted. All the documents should be sent by registered express mail and must be received by the Graduate School of Agriculture, Tottori University by March 10, 2004.

Documents:

- (1) Application in the prescribed form, APPLICATION for THE SPECIAL PROGRAM FOR FOREIGN STUDENTS IN ARID LAND AGRICULTURAL SCIENCES, 2004 (THE TWO-YEAR PRE-DOCTORAL COURSE)
- (2) Another application in the prescribed form, APPLICATION FOR JAPANESE GOVERNMENT (MONBUKAGAKUSHO:MEXT) SCHOLARSHIP

- (3) The other application in the prescribed form, APPLICATION FOR JAPANESE GOVERNMENT (MONBUKAGAKUSHO:MEXT) SCHOLARSHIP (ANNEX)
- (4) Field of Study and Study Program in the prescribed form.
- (5) CERTIFICATE OF HEALTH in the prescribed form completed by a registered medical doctor within six months of application date.
- (6) PLEDGE in the prescribed form.
- (7) An official certificate of graduation from college or statement of completing the under-graduate program by the end of September 2004 or copy of the Degree of the Bachelor of Science.
- (8) Transcripts of academic records with their English translations issued by the college and/or graduate school(s) that the applicant was enrolled.
- (9) A letter describing the applicant's performance at the final school; his/her academic performance clearly indicated in a manner such as being in the top 5% or absolute rank in the class including the total number of students in the class, GPA, etc.
- (10) Thesis of Bachelor's Science, etc.
 - 1) A copy of his/her thesis of Bachelor's Science if he/she has completed college.
 - 2) A progress report of research if he/she still in college.
 - 3) A reprint of his/her published paper or copy of manuscripts submitted for journals.
 - 4) Summary of the items 1) and 3).
- (11) Copy(s) of the record of TOEFL, TOEIC, etc.
- (12) Certificate of citizenship issued by the applicant's municipal authority.
- (13) Letter of references from the dean of the applicant's college addressed to the President of Tottori University.
- (14) A recommendation letter from the applicant's advisor for his/her under-graduate program.
- (15) Prospective major- and sub-advisors conduct an interview with the applicant and report the results to the school. Interviews can be done using e-mail; however, such interviews have to be done at least a few times individually by the prospective major advisor and two sub-advisors.
- (16) Three copies of portrait photograph of passport size (6 x 4cm), showing a front-faced, up-from-bust, bare-headed picture, taken within 6 months of the application date

with the applicants name and nationality on the reverse side. (They should be pasted at to the designated places of the application forms).

Notes:

- 1) These documents should be either typewritten or printed neatly in English or Japanese on A4 size sheets of paper. If they are written in the other language, Japanese translation should be attached.
- 2) Application will not be accepted unless all the documents mentioned above are fully and correctly completed and delivered to the constituent University by March 10, 2004.
- 3) Applicant's English proficiency is evaluated based on those documents submitted.
- 4) The letters of recommendation and reference should include the writer's assessment of the applicant's English proficiency within the category of Excellent, Good, and Poor.
- 5) The above-mentioned documents, (1), (2), (3), (4), (5) and (6), should be submitted on the prescribed forms, and the others on A4 size sheets of paper.
- 6) None of the documents submitted will be returned to the applicants.

2. Benefits of the Scholarship (pertaining only to the Scholarship grantees)

(1) Scholarship payments: A monthly allowance of 180,300 yen (proposed charges) will be given to each grantee from October 2004 to March 2006 (for the first 18 months of the entire program) by the Japanese Government. The monthly allowance for the rest of the program (from April 2006 through September 2006) will be continued after an assessment of his/her performance during the first 18-month period. A grantee receives the payments each month with his/her signature. The Scholarship will not be granted after the first 2 years, regardless.

(2) Round Trip transportation to Japan:

- 1) A grantee will be supplied, according to his/her itinerary designated by the Monbukagakusho, with an economy class air ticket from the nearest international airport to his/her home address to the New Tokyo (Narita) International Airport (or the nearest international airport to Tottori University if this is more economical).
- 2) At the end of the term, a grantee who is going back to their home country within the specific period after the expiration of their Scholarship will be supplied, according to their application, with an economy class air ticket from the New Tokyo (Narita) International Airport to the nearest international airport to their home address.

Note: Expenses incurred for travel from the designated international airport in Japan to Tottori University and costs of insurance for the entire trips are not reimbursable.

(3) School fees: All school fees, i.e., entrance examination, registration and tuition, shall be waived.

- (4) Casualty insurance for grantee's educational activities: This insurance compensates for physical casualties from which students suffer in their intra-curricular activities both on and off campus, and extra-curricular activities on campus. All of the students enrolled have to pay for the premium of 2,100 yen for two years.

[Additional Benefits]

In addition to those benefits above, the grantees will receive the following benefits from the Association for International Education, Japan:

- 1) A sum of 25,000 yen (proposed) as an arrival allowance.
- 2) Medical insurance of the National Health Insurance Program: A coverage of 80% of certain medical expenses actually incurred upon the student in Japan during their study period on condition that he/she has joined the National Health Insurance Program.

3. Admission and Education

- (1) Candidates for the Scholarship will be judged for acceptance under the documents listed in item 1 of Section V.
- (2) Monbukagakusho will select the grantees among the candidates recommended by Tottori University.
- (3) Notification will be sent by early July 2004 to the applicants who were selected for admission to the SP by Monbukagakusho.
- (4) All the instruction, classes and research are conducted mainly in English.
- (5) A successful applicant, once enrolled, is expected to complete his/her Master thesis for the degree of the Master of Science (Agriculture) within two years.
- (6) Once a grantee is enrolled in the SP, he/she is a full time graduate student. He/she receives help for his/her research by his/her major advisor and two sub-advisors in the SP.

4. Continuation of study to the Doctoral Program

Excellent students at the SP (Pre-Doctoral Course) can apply for the Special Program at the UGS with continuation of the Scholarship. If the Master student is admitted to the UGS, then he/she can apply for the Scholarship to be continued for another 3 years. On deciding the order of students to be recommended for the Scholarship, the results of oral tests on his/her Master thesis and English tests such as TOEFL and TOEIC are considered. Ten students are accepted for the Pre-Doctoral Course at the constituent Universities of the UGS each year; 4 at Tottori University, 4 at Shimane University, and 2 at Yamaguchi University. However, only 8 students are accepted for the continuation of study with the Scholarship for the Doctoral Course at the UGS.

VI. APPLICANTS ON PERSONAL FUNDS

** This Section is for the applicants who apply for the SP but not for the Scholarship.

1. Application Procedure

An applicant should submit the following documents through the dean of his/her college, if he/she is a under-graduate student; the head of the institution, if employed; the dean of the university from which he/she graduated, if he/she is currently not employed. An application directly mailed by the applicant himself/herself is not accepted. All the documents should be sent by registered express mail and must be received by the Graduate School of Agriculture, Tottori University by March 10, 2004.

Documents:

- (1) Application in the prescribed form, APPLICATION for THE SPECIAL PROGRAM FOR FOREIGN STUDENTS IN ARID LAND AGRICULTURAL SCIENCES, 2004 (THE TWO-YEAR PRE-DOCTORAL COURSE)
- (2) Another application in the prescribed form, APPLICATION WITH PERSONAL FUNDS for THE SPECIAL PROGRAM FOR FOREIGN STUDENTS IN ARID LAND AGRICULTURAL SCIENCES, 2004 (TWO-YEAR PRE-DOCTORAL COURSE)
- (3) The other application in the prescribed form, APPLICATION WITH PERSONAL FUNDS for THE SPECIAL PROGRAM FOR FOREIGN STUDENTS IN ARID LAND AGRICULTURAL SCIENCES, 2004 (TWO-YEAR PRE-DOCTORAL COURSE) (ANNEX)
- (4) Field of Study and Study Program in the prescribed form.
- (5) CERTIFICATE OF HEALTH in the prescribed form completed by a registered medical doctor within six months of application date.
- (6) Letter of references from the dean of the applicant's college addressed to the Dean of Graduate School of Agriculture, Tottori University.
- (7) An official certificate of graduation from college or statement of completing the under-graduate program by the end of September 2004 or copy of the Degree of the Bachelor of Science.
- (8) Transcripts of academic records with their English translations issued by their schools that the applicant attended.
- (9) Thesis of Bachelor's Science, etc.
 - 1) A copy of his/her thesis of Bachelor's Science if he/she has completed college.
 - 2) A progress report of research if he/she still in college.
 - 3) An equivalent material to the graduation thesis if a graduation thesis is not available.

- (10) Certificate of citizenship issued by the applicant's municipal authority.
- (11) A recommendation letter from the applicant's advisor for his/her under-graduate program.
- (12) Three copies of portrait photograph of passport size (6 x 4cm), showing a front-faced, up-from-bust, bare-headed picture, taken within 6 months of the application date with the applicants name and nationality on the reverse side. (They should be pasted at to the designated places of the application forms).
- (13) Entrance examination fee of 30,000 yen (to be paid in cash or a postal money order).

Notes:

- 1) These documents should be either typewritten or printed neatly in English on A4 size sheets of paper.
- 2) Application will not be accepted unless all the documents mentioned above are fully and correctly completed and delivered in due time.
- 3) Applicant's English proficiency is evaluated based on those documents submitted.
- 4) The above-mentioned information for documents (1), (2), (3), (4) and (5) should be submitted on the forms provided, and others on A4 size paper. Only originals, not photocopies, will be accepted.
- 5) None of the documents submitted will be returned to the applicants.
- 6) Each applicant should select a professor as his/her prospective major advisor from the annexed list, List of Faculty Members for Special Program in Arid Land Agricultural Sciences, 2004, and contact previously with the professor in preparing application documents. Any application without nominating a professor as his/her major advisor will not be accepted.

2. Fees on Entrance

- (1) Admission fee: 282,000 yen. The fee is subject to change.
- (2) Tuition: 260,400 yen for the first semester (annually 520,800 yen). Tuition may be revised each school year.
- (3) Casualty insurance for grantee's educational activities: This insurance compensates for physical casualties from which students suffer in their intra-curricular activities both on and off campus, and extra-curricular activities on campus. All of the students enrolled have to pay for the premium of 2,100 yen for two years.
- (4) Medical insurance of the National Health Insurance Program: A coverage of 80% of certain medical expenses actually incurred upon the student in Japan during their study period on condition that he/she has joined the National Health Insurance Program.

3. Admission and Education

- (1) Applicants with Personal Funds will be judged for admission under the documents listed in item 1 in Section VI.

- (2) Successful applicants will be decided in the Faculty Meeting of the Graduate School, and notification will be sent at the beginning of August to the successful applicants.
- (3) All the instruction, classes and research are conducted mainly in English.
- (4) A successful applicant, once enrolled, is expected to complete his/her Master thesis for the degree of the Master of Science (Agriculture) within two years.
- (5) Once a student is enrolled in the SP, he/she is a full time graduate student. He/she receives help for his/her research by his/her major advisor and two sub-advisors in the SP.

VII. RESERVATIONS

- (1) A grantee will be deprived of the Scholarship in the following cases:
 - 1) False statements in the documents.
 - 2) Violation of the pledge.
 - 3) Violation of school regulations, and no promise of academic achievement.
 - 4) Marriage between the grantees: A grant for one of the couple is cancelled.
 - 5) Retiring from the SP or transferring to other university.
 - 6) Switch from the visa status from Student to the others.
- (2) With enrollment, the new students are advised to become well informed about Japanese climate, customs, manners, and other cultural aspects in general before coming to Japan. It is strongly recommended that they study the Japanese language. Knowledge of the Japanese language is very helpful to newcomers to Japan.
- (3) If false statements were found in the application dossiers, his/her admission shall be canceled even after his/her having been accepted to the SP.

List of Faculty Members for Special Program in Arid Land Agricultural Sciences, 2004

| Name of Course | Research Field | Major Advisor | Sub Advisor |
|---------------------------|---|-------------------------|--------------|
| Bio-Production Science | Plant Breeding in Aid Land | H. Tsujimoto | |
| | Molecular Breeding in Arid Land | M. Tomita | |
| | Physiology of Fruit Trees in Arid Land | K. Tanabe | A. Itai |
| | Plant Pathology in Arid Land | H. Otani | |
| | Plant Ecophysiology in Arid Land | S. Inanaga | |
| | Plant Biotechnology in Arid Land | K. Tanaka | |
| | Applied and Environmental Microbiology | H. Nakajima | |
| | Environmental Soil Science in Arid Land | T. Honna | S. Yamamoto |
| | Environmental Chemistry in Arid Land | H. Fujiyama | |
| | Insect Control in Arid Land Cultivation | M. Azuma | |
| | Molecular Biology in Arid Land | Y. Yamano | |
| | Arid Land Microbial Technology | Y. Kitamoto | T. Aimi |
| Bio-environmental Science | Tree Physiology in Arid Land | F. Yamamoto | |
| | Anatomy and Quality of Woody Plants in Arid Land | I. Furukawa Y. Hioki | |
| | Wood Material Science in Arid Land | T. Sakuno T. Kawada | |
| | Surface Processes in Arid-Semiarid Land | T. Okumura | |
| | Water Storage & Supply Facilities in Arid Land | K. Hattori | H. Ogata |
| | Farm Land Improvement Engineering in Arid Land | K. Takuma | K. Inosako |
| | Environmental Planning & Waste Water Treatment in Arid Land | I. Yoshida | |
| | Agricultural Machinery in Arid Land | M. Iwasaki | |
| | Irrigation Water Resources in Arid Land | | H. Yasuda |
| | Land Conservation in Arid Land | T. Yamamoto M. Inoue | |
| | Agricultural Meteorology in Arid Land | M. Kamichika | |
| | Afforestation in Arid Land | S. Tamai N. Yamanaka | |
| | Water Management in Arid Land | Y. Kitamura | |
| Managerial Economics | Economics of Food & Agricultural Policy | H. Furutsuka | |
| | Agricultural Products Marketing | K. Kasahara | |
| | Farm Management | H. Kobayashi T. Sato | I. Matsumura |
| | International Information Management | S. Ito | |
| | Industrial Planning in Rural Region | M. Nohmi | |