佐賀大学大学院農学研究科
アグリビジネス国際人材育成プログラム
修士課程（外国人留学生―在日）
学生募集要項

Post-graduate Program for Agribusiness Global Human-resources Development（PPAGHD） in Graduate School of Agriculture, Saga University

(Master Course)

2027

Guide for the Application for the Foreign Students staying in Japan

Application Deadline: January 22, 2027
Examinations and Interview: February 26, 2027
Academic Year Start: April 1, 2027

Graduate School of Agriculture
SAGA UNIVERSITY

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GUIDE FOR THE APPLICATION FOR THE FOREIGN STUDENTS OF

Post-graduate Program for Agribusiness Global Human-resources Development

in Graduate School of Agriculture, Saga University

The Post-graduate Program for Agribusiness Global Human-resources Development (PPAGHD) in Graduate School of Agriculture provides all lectures, seminars, and internships in English for foreign students. The PPAGHD is an educational course in the Graduate School of Agriculture, Saga University, in order to bring up global researchers and/or engineers who will contribute to the agricultural sciences. This is a call for application to a two-year Master Course starting from April, 2027.

Education and research in agricultural sciences should be conducted from comprehensive and global viewpoints. Expertise on agriculture is important for the production of food and biological resources. The synthesis of agricultural expertise is indispensable for understanding and solving the problems caused by the impact of human activities on the global environment and on all living things, including humans. This special course is geared to international students, so that they will be able to acquire agricultural knowledge and enhance their ability of logical thinking, in the hope that their knowledge and ability will be useful for generating clear insights on agricultural issues from comprehensive global viewpoints after they return to home countries.

In the Master Course program of the PPAGHD, education and research guidance of the fields are given by the department of Biological Resource Sciences in the Graduate School of Agriculture. Applicants should decide the research fields and choose prospective relevant supervisor(s) appearing on the list of Academic Staffs.

Students who complete the Master Course program of the PPAGHD are granted the degree of Master of Agriculture. The month of entrance is April, 2027and the applicants can enter the PPAGHD course after completing their Bachelor Course program.

Qualifications

1. **Nationality:** Non-Japanese citizens staying in Japan can apply for this program.
2. **Academic carrier:** The following candidates may apply for admission.
   a. Those who have received Bachelor's Degree from Japanese University as of March 31, 2027.
   b. Those who have received Bachelor's Degree after completing 16 years course of school education in foreign country, or will receive it as of March 31, 2027.
   c. Those who have completed 16 years course of school education of foreign country in Japan through correspondence education of a foreign school, or will complete the course as of March 31, 2027.
   d. Those who have completed 16 years course of school education of foreign country at educational institutions of the foreign country in Japan, which is designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, or will complete the course as of March 31, 2027.
   e. Those who have completed 15 years course of school education in foreign country, and been admitted by the Graduate School of Agriculture, Saga University to obtain sufficient credits with excellent score.
   f. Those who have successfully completed the course that Minister of Education, Culture, Sports, Science and Technology of the Japanese Government appoints particularly among a specialized course of a special vocational school (it is limited to the course whose years required for graduation are more than 4 and that satisfies the other standards that Minister of Education, Culture, Sports, Science and Technology of the Japanese Government establishes.) after the day that Minister of Education, Culture,

Sports, Science and Technology of the Japanese Government establishes.

g. Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government.

h. Those who are 22 years old or more as of March 31, 2027, and are admitted by the Graduate School of Saga University as that their academic abilities are equivalent to or higher than Bachelor's Degree of Japanese Universities upon reviewing the submitted materials.

* Applicants wishing to apply under conditions e, f, g or h should contact the Entrance Examination Office of Saga University by Tuesday 15 December 2026 to undergo an eligibility assessment.

3. **Language proficiency:** A good working level of English is required.

Tuition expenses

1. **Entrance examination fee:** 30,000 yen.
2. **Entrance fee:** 282,000 yen (scheduled).
3. **Tuition fee:** 267,900 Yen for each semester (scheduled). [535,800 Yen per academic year (scheduled).] Amount of due might be slightly revised depending on the decision of the administration council.

   Payments must be done for each semester biannually within the beginning two months of the semester.

Selection

1. Selection for admission shall be achieved by oral examination on the selected major subjects. The oral examination and interview will be conducted in English, on **February 26, 2027**.
2. The final results of selection will be noticed to the applicant by a letter. It will be dispatched on March 10, 2027.
3. A few number of students can be admitted.

Admission

1. Date of enrollment is April 1, 2027.
2. Date of registration for admission: March 21 to March 27, 2027. If the applicant does not register on these days, his/her admission shall be canceled.
3. Documents to Be Submitted by Private Financed International Students Only
   International Students (those with, or planning to obtain, the "Student" residence status) are required to submit the following documents by E-mail at the time of enrollment procedures.
   Detailed instructions are provided in the Guide to Admission Procedures.
   ①A financial support statement and supporting documents
   (e.g., a bank balance certificate or an annual income certificate issued by a public institution)
   ②A certificate of attendance issued by a Japanese language school

   (only applicable if your previous institution was a Japanese language school or similar institution)
4. Admission shall be canceled if the applicant fails to receive the Bachelor's Degree on or before March 31, 2027.

Application

1. Applicants should prepare the following documents to be forwarded to the Dean of the Graduate School of Agriculture, Saga University.

① **Application Form** (Form A, Form B)

② Official transcript of Bachelor's degree or certificate representing that the applicant will be conferred Bachelor's degree by March 31, 2027. The transcript or certificate must be sealed by the authority or sent directly from the college. Original diploma is also acceptable; in this case the examination office may exemplify the diploma and the original may be returned at the office.

③ Transcripts of **Academic Record** issued by university authorities and its English translation.

④ English summary of **Graduation Thesis** or it's equivalent if available, not exceeding four sheets of A4 size paper typed in double space. If a Graduation Thesis is not required by the University from which the applicant graduated, prepare a statement to this matter.

⑤ Certificate of **Citizenship** issued by appropriate authorities.

⑥ **Recommendation** and **Reference**

a. A letter of **Recommendation** (Form C) from the head of the applicant's affiliated institution.

b. Letter(s) of **Reference**from (Form D)those who know the applicant's research/study capability should be addressed to the Dean of the Graduate School of Agriculture, Saga University.

The letters of recommendation and reference(s) should indicate the English proficiency of the applicant. Enclose, therein, a certificate indicating the scores of TOEFL or a corresponding English Ability Test, if any.

⑦ **Three Photographs** (hatless portrait), 4.5 cm × 3.5 cm in size, taken within six months before the date of application. Two copies should be attached to the application form. One extra copy should be enclosed therein, with the applicant's name and nationality on the reverse side of the copies.

⑧ **Receipt for Entrance Examination Fee**(30,000 yen)

Please pay the fee via Flywire. Fees for the remittance should be paid by the applicant. Please submit the receipt that can be downloaded after payment to Saga University, or print out a screenshot of the payment completion screen. Please refer to " Payment Through Flywire "(see page 5). Applicants who cannot use Flywire for any reason should email the Entrance Examination Office (see page 4).

Flywire (URL): https://saga-u.flywire.com

If you have any questions, please contact Flywire:

Web: https://www.flywire.com/support

email: support@flywire.com

2. All documents should be sent by registered mail and received by the Entrance Examination Office between **January 15 and January 22, 2027**.

Remarks

1. The above documents should be type-written in English on A4 size paper.
2. Incomplete documents are not acceptable.
3. None of the documents submitted is returned to the applicant in any case.
4. In accordance with the "Foreign Exchange and Foreign Trade Act", Saga University has established the "Security Export Control Regulations of Saga University" and the "Security Export Control Administrative Instruction of Saga University". If the applicant falls under any of the regulated items, he/she may not be able to receive the education or conduct research that he/she wishes.

   In addition, in order to prevent the leakage of technology and transfer of goods without permission through international students, we request that all accepted international students sign and submit a written pledge at the time of admission.

   https://www.irdc.saga-u.ac.jp/en/foreignstudent/securityexportcontrol/

Notes

1. The applicant will be deprived his/her entrance under the following cases:
   a. False statements on the documents.
   b. Violation of the pledge.

2. Applicants are recommended to be well acquainted with the Japanese language, culture, customs, etc. A knowledge of the Japanese language is necessary in daily life.
3. Applicants are expected to complete their Master Course Program within two years.

Correspondence

Any correspondence relating to the application for the PPAGHD should be sent by mail to the address below.

Entrance Examination Office
Saga University
1 Honjo-machi
Saga 840-8502, Japan
E-mail: contact@mail.admin.saga-u.ac.jp

Schedule for entrance examination for the PPAGHD (Master Course)

Date: **February** 26, 2027
Place and Time: The first floor of building 1 of Faculty of Agriculture, Saga University at 10:30 with an admission ticket for examination.
Methods for examination: Oral test including interview　11:00～

Payment Through Flywire

SAGA UNIVERSITY

flywire

flywire

Easy! Fast! Safe!

Flywire is a reliable international tuition payment service that is used by educational institutions around the world.

With Flywire, you can pay tuition fees in your local currency.

The payment method available for the local currency is different for each country.

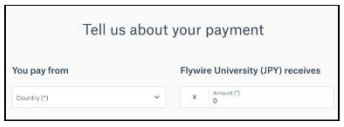
Saga University collaborates with Flywire to provide an easy and safe payment method.

Students and parents: Please start the payment procedure at the Flywire website.

First, go to **saga-u.flywire.com** or scan

QR code

1. Your country and the invoice amount.
2. Select the payment method.
3. Enter the payer's information.
4. Enter the student's information.
5. Transfer or settlement



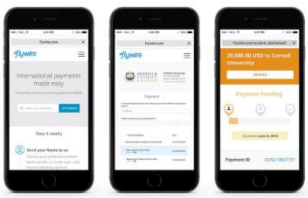
Flywire will take responsibility to pay the tuition fee to the school in Japanese yen.

Benefits of paying through flywire

1) Multiple payment methods:
You can pay with local currency through your local bank, credit card, Online payment, etc.

2) Our customer support is open 24/7 via telephone, email and live chat.

3) You can track payments every step of the way via email and text alerts



https://www.flywire.com

Contact: https://www.flywire.com/support email : support@flywire.com

ACADEMIC STAFFS ATTENDING PPAGHD, AND THEIR MAJOR FIELDS AND RESEARCH INTERESTS

Biological Science Course

Genetics and Plant Breeding…… **Watanabe, S.**

1. Molecular breeding in rice and soybean.
2. Development and utilization of breeding methods based on gene manipulation.
3. Improvement of soybean fatty acid composition by induced mutation.

Crop Science…… **Suzuki, A.**

1. Mechanism of root nodule symbiosis and its utilization for leguminous crops production.
2. Mechanism of arbuscular mycorrhizal symbiosis and its utilization for crops production.

Vegetable and Ornamental Horticulture…… **Isshiki, S. and Ogura-Tsujita, Y.**

1. Genetics and systematics of eggplant and its related Solanum species.
2. Cell, tissue and organ culture of vegetables and ornamentals.
3. Breeding of eggplant.
4. Biology of orchid mycorrhizal symbiosis and its application for horticultural uses.
5. in vitro culture of orchids and symbionts.
6. Conservation of wild orchids.

Improvement of Tropical Crops…… **Fujita, D.**

1. Improvement of yield-related traits in rice through genetic and breeding studies.
2. Genetic and breeding studies for resistance to planthopper and leafhopper in rice.
3. Genetic improvement for days to heading in indica rice.

Plant Nutrition…… **Nishida, S.**

1. Molecular mechanism of plant adaptation to variable nutrient availability.
2. Biotechnology to improve plant tolerance to low nutrient availability and mineral stress.
3. Metal/metalloid accumulation in plants.

Animal Reproduction…… **Yamanaka, K.**

1. Efficient production of offspring from genetically superior individuals by reproductive technologies.
2. Application of reproductive technology to fertility treatment.
3. Recent problems in animal reproduction.

Functional Plant Resources…… **Matsumoto, Y.**

1. Breeding and cultivation of functional and medicinal plants.
2. Storage and processing techniques of horticultural crops.

Fruit Science…… **Fukuda, S.**

1. Molecular breeding in loquat and wild onion.
2. Genetics and genomics of Rosaceae.

Animal Science ····· Ebara, F.

1. Animal behavior and management.

Plant Mycology ····· Kusaba, M.

1. Classification and identification of plant pathogens.
2. Genetics of pathogenicity of plant pathogens.
3. Genetic diversity in the fungal population.

Nematology ····· Yoshiga, T.

1. Biological and physiological characteristics of plant parasitic nematodes.
2. Growth regulation and pathogenicity of entomopathogenic nematodes.
3. Species diversity and ecological significance of brackish water nematodes.

Systems Ecology ····· Tokuda, M. and EIsayed, A. K.

1. Insect-plant interactions.
2. Mechanism and adaptive significance of host manipulation by insects.
3. Evolutionary ecology and biosystematics of gall-inducing insects.
4. Insect pest management.

Fruit Tree Science ····· Kotoda, N.

1. Genomics, physiology, and chemistry in fruit crops (apple, citrus, grape, kiwi fruit, olive, papaya, passion fruit, and peach etc.).
2. Citrus germplasm (cultivated/wild species) and DNA maker development.
3. The molecular mechanism of flowering and the role of gibberellins in plants.
4. Postharvest physiology in fruit crops.

Food Resource and Environmental Science Course

Agricultural and Environmental Geotechnics ····· Kondo, F. and Miyamoto, H.

1. Geotechnical research on maintenance and management of agricultural creek slopes in Saga Plain.
2. Soil management and conservation for sustainable crop production.

Rural Environment ····· Haraguchi, T.

1. Conservation of the water environment in agricultural field.
2. Water utilization for agriculture.

Environment of Shallow Sea and Tidal Flat ····· Koriyama, M.

1. Conservation of tidal flat environment.
2. Environmental monitoring of shallow sea area.

Irrigation Science ····· Yuge, K.

1. Quantification of water consumption in agricultural field.
2. Multi-functionality in agriculture.
3.. Sustainable land use planning in Japanese rural area.

Environmental Soil Science ····· Tokumoto, I.

1. Transport of water, salts, ions and heat in unsaturated soil.
2. Measurement of soil hydraulic properties and salt movement.

Agricultural Environmental Chemistry ····· Ueno, D.

1. Instrumental analytical chemistry to evaluate agricultural environment.
2. Identification of odor chemicals (stinks and flavors) from field and products.
3. Development of pest control system using odor chemicals.

Water Environmental conservation in Rural Areas ····· Anan, M.

1. Evaluation of agricultural water management in paddy field.
2. Modeling of water flow and quality in rural area.
3. Quantification of flood mitigation function in agricultural field.

Agricultural Production Engineering ····· Tanaka, M.

1. Environmental control for hydroponic culture of vegetables.
2. Nondestructive quality evaluation of agricultural products.

Food Resource Research and Informatics ····· Kitagaki, H.

1. The effect of food components on intestinal microbes
2. The effect of cosmetics on skin microbes
3. Functionalities of cosmetics
4. Application of informatics to food and cosmetic research

Bioresource Science of Microalgae ·····Demura, M.

1. Survey of microalgal diversity in Saga city.
2. Development of culturing technique and utilization of microalgae.

Environmental Oceanography ·····Hayami, Y.

1. Oceanography of coastal ocean.
2. Research of the environmental dynamics in estuaries and coastal seas.
3. Study on the conservation and regeneration of marine fishery resource.

Applied Biochemistry and Food Science Course

Applied Microbiology ····· Kobayashi, G. and Goto, M.

1. Isolation and characterization of useful bacteria and fungi.
2. Molecular breeding of fungi for production of organic acids, enzymes.
3. Microflora analysis of several fermented foods.
4. Development of highly efficient fermentation technique.

Molecular Biological Science ····· Horitani, M.

1. Molecular mechanism of cold adapted enzymes and protein engineering.
2. Functional analysis of new enzymes from plants.
3. Advanced magnetic resonance and X-ray crystallography.
4. Structural and functional studies on metallo-enzymes.

Functional Polymer Chemistry……Soh, N.

1. Colorimetric and fluorescence analysis for bioscience
2. Biohybrid materials for bioanalysis and bioengineering

Bioresource Science and Technology……Noma, S.

1. Extraction of food components using pressurized carbon dioxide.
2. Preparation of seasoning under pressurized carbon dioxide.
3. Pasteurization of microorganisms in food.

Bioresource Chemistry ……Hama, Y. and Mitsutake, S.

1. Structure and function of mucus glycoproteins and algal polysaccharides.
2. Isolation and characterization of novel glycolipids from marine animals.
3. Synthesis, metabolism and cellular signaling of membrane lipid in health and disease.
4. Development of Functional food materials.

Nutrition Biochemistry …… Nagao, K.

1. Control of lipid and lipoprotein metabolism by food ingredients and drugs.
2. Nutrition and physiology of polyunsaturated fatty acids.
3. Enzymatic and genetic regulation of glycerolipid metabolism.
4. Lipid metabolism and cytokine regulation in hepatic diseases.

Applied Phycology …… Kimura, K. and Yoshida, K.

1. Macroalgal breeding and cutting-edge macroalgal cultivation technology.
2. Macroalgal nutritious and bioactive molecules.
3. Bloom dynamics of coastal phytoplankton.
4. Molecular physiology of algal virus infections.
5. Macro- and micro-algal photosynthesis.
6. Photosynthetic physiology of polar phytoplankton.

Aquatic Life Science……Orita, R.

1. Genomics and metabolomics of marine bivalves.
2. Physiological ecology of marine invertebrates.
3. Fisheries science of marine invertebrates.

Food Function Development …… Inoue, N.

1. Evaluation of plant-derived functional ingredients.
2. Prevention and improvement of lifestyle-related diseases by functional lipids.

Biochemistry……Tsujita, T.

1. Elucidation of the molecular mechanism for oxidative, hypoxia, proteostasis stress using genomic modified vertebrate and/or cell lines.
2. Discovering the bioactive compounds to protect lifestyle diseases from chemical library or natural plants.

Genomics ……Nagano, Y.

1. Genomics of food and medicinal plants
2. Genomics of other organisms

Chemistry of Natural Resources ……Kawaguchi, S.

1. Synthesis and evaluation of cosmetic materials using organic molecules derived from agricultural product and biomass.
2. Synthesis and evaluation of bioactive molecules.
3. Synthesis of organophosphorus compounds using unused phosphorus.
4. Synthetic use of iodine resources

Chemistry of Natural Resources …… Kawazoe, Y.

1. Identification, purification, and structure elucidation of bioactive natural products.
2. Elucidation of mode of action of bioactive molecules.
3. Development of molecular tools.

Regional Development and Management Studies Course

Agricultural Economics & Farm Management ……Tsuji, K.

1. Agricultural economics
2. Farm management
3. Rural development in Asia

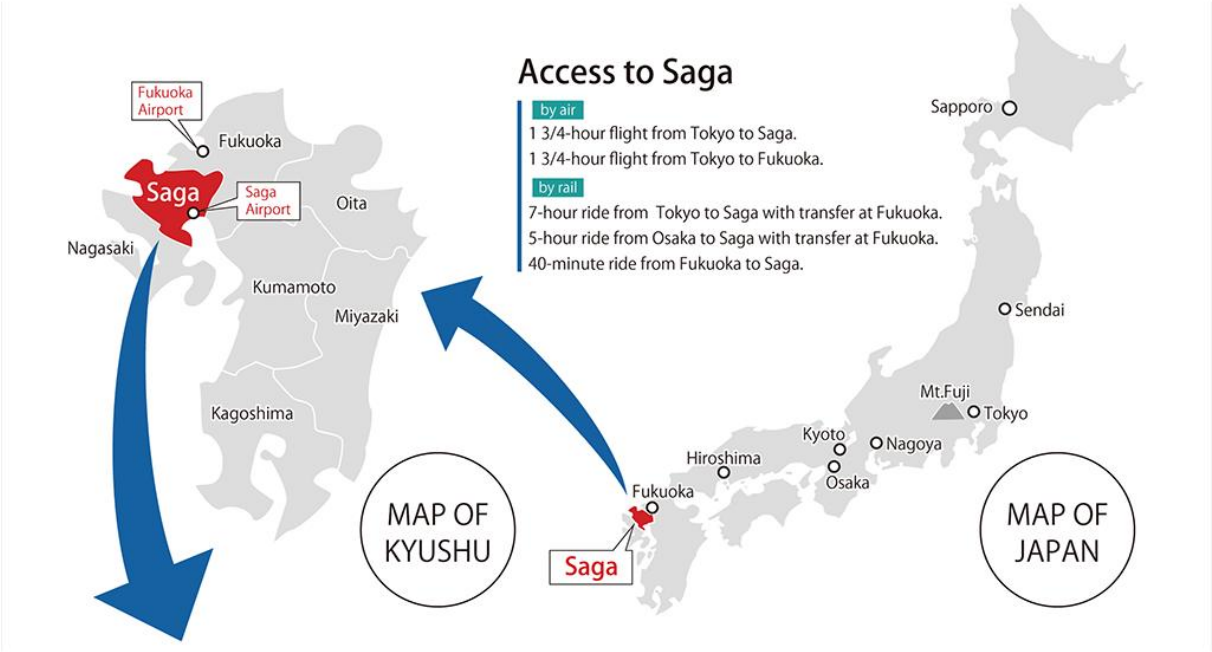
Cultural Ecology ……Nakai, S.

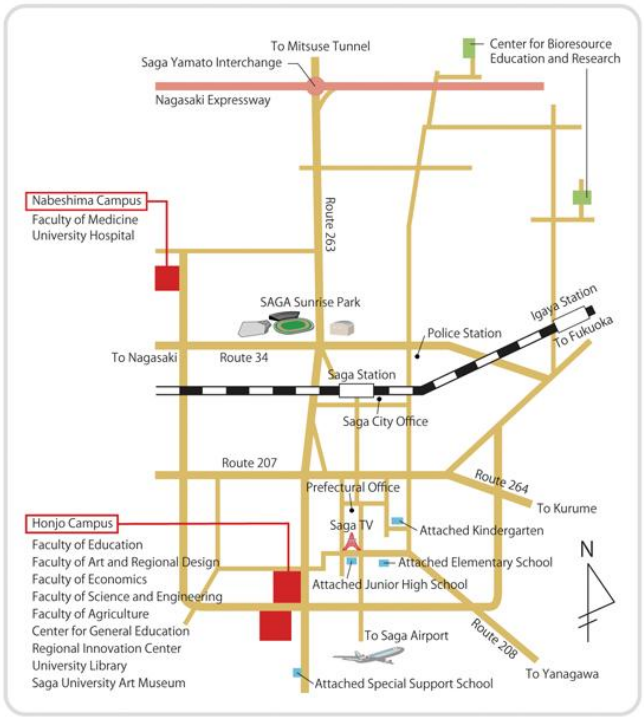
1. Anthropological and geographical approaches to ecology and environment.
2. Subsistence and food culture from an anthropological perspective.

Rural Development ……Fujimura, M.

1. Environmental change and human survival in Asia.
2. Issues and challenges relating to land use and conservation in rural community.

Access to Honjo Campus, Saga University





- To Nabeshima Campus from Honjo Campus — about 6.5Km
- To JR Saga Station from Honjo Campus — about 4.0Km
- To JR Saga Station from Nabeshima Campus — about 5.0Km
- To Arita Station from Arita Campus — about 1.2Km
- To Honjo Campus from Arita Campus — about 50Km