

SPECIAL THREE-YEAR DOCTORAL PROGRAM

**for INTERNATIONAL STUDENTS
in TROPICAL and SUBTROPICAL
AGRICULTURE
and RELATED SCIENCES**

October 2025/September 2028



**The United Graduate School of Agricultural Sciences
Ehime University**

The United Graduate School of Agricultural Sciences, Ehime University

Admission Policy

Agricultural science encompasses a broad range of academic disciplines, including biology, chemistry, physics, engineering, economics, and biotechnology. Consequently, an interdisciplinary approach is required to build balanced and sustainable relationships between nature and society. Therefore, it is essential to develop and train people with broad knowledge and a flexible mindset unconstrained by conventional academic thinking, who can deepen our understanding of biological functions, improve agricultural productivity, enhance the efficient use of agricultural products, and explore the agriculture of the future with a focus on both regional and global environmental conservation.

Based on this philosophy, The United Graduate School of Agricultural Sciences, Ehime University (UGAS-EU) (three-year doctoral program only) established three majors: Bioresource Production Science, Applied Bioresource Science, and Life Environment Conservation Science. UGAS-EU accepts students with master's degrees from universities in Japan but also offers special courses for outstanding international students to pursue research relevant to their respective countries and regions.

Agricultural science is a promising field of study with enormous potential and is vital for ensuring the conservation and enhancement of the environment and ecosystems, as well as improving the quality of people's lives. Therefore, we welcome applicants who are motivated to lead and explore the many possibilities of agricultural science from diverse perspectives.

The Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences is aimed at research and education in the various sciences related to the production and use of biological resources and the environment that supports such activities in the tropics and subtropics. Centered on such regions, this program accepts outstanding mid-career scientists engaged in research or education in all parts of the world and trains them to become advanced researchers and engineers who can contribute to the future of their home countries.

The Special Doctoral Course Program in Agricultural Sciences for Students from Asia, Africa, and the Pacific Rim (AAP) is an integrated master's course and doctoral program. The program aims to foster students who have graduated or are scheduled to graduate from universities in various countries through a comprehensive education program starting from the master's level, with the goal of training them to become advanced researchers and engineers.

1. Knowledge, Discovery, and Understanding

Have general expertise in agriculture, the environment, and related sciences; have the ability to collect and analyze information in their respective fields to identify, to understand, and to solve problems in their area of expertise; and have the technical ability to conduct research independently or in groups.

2. Ethics and Practice

Have high ethical standards based on an understanding of research in Bioresource Production Sciences, Applied Bioresource Sciences, Life Environment Conservation Sciences, and related sciences, and be able to conduct research and education in agriculture, the environment, and related fields based on a solid scientific foundation.

3. Information Dissemination

Be able to proactively work on global issues on their own and to disseminate the results of their research to the wider world.

4. Thought, Judgment, Expression, and Communication

Possess the ability for scientific reasoning and objective judgment, be able to see and think broadly, be able to express themselves well, and have advanced presentation and communication skills.

Applicants are interviewed (includes a presentation and oral examination) to evaluate the knowledge and skills they have acquired through their bachelor's and master's programs, the ability to use that knowledge and skills, and their attitude toward learning independently and collaboratively. In addition, a system is in place for international students to be admitted prior to arriving in Japan, opening the door to motivated applicants with diverse backgrounds. Applicants for Working Student Special Admission are interviewed (includes a presentation and oral examination) to evaluate the knowledge and experience they have gained through employment at companies and organizations.

UGAS also offers two special courses. Applicants for the Tropical and Subtropical Agriculture and Related Sciences Course are interviewed by a prospective supervisor and two or more members of faculty from the graduate school to evaluate the following: (1) master's thesis or equivalent research, (2) research plan after enrollment, (3) specialized knowledge, (4) aptitude and motivation to learn, and (5) communication skills in English. The Special Doctoral Course Program in Agricultural Sciences for Students from Asia, Africa, and the Pacific Rim (AAP) is a five-year integrated master's and PhD program. Applicants for this course are assessed based on their research plan for the doctoral program and a recommendation from the supervisor.

The Three-Year Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences

The United Graduate School of Agricultural Sciences, Ehime University (UGAS-EU; also known as Ehime Rendai) is a graduate school comprising the Graduate School of Agriculture at Ehime University and Kagawa University, and the Agriculture and Marine Science Program, Graduate School of Integrated Arts and Sciences at Kochi University, located in Shikoku, Japan. UGAS-EU considers it necessary that students of agricultural sciences broaden their perspectives and deepen their expertise. Accordingly, to meet the growing needs in the fields of environmental studies and resource studies in tropical regions, “The Three-Year Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences” was established in 1990. Applications are now being accepted for the October 2025 – September 2028 program in accordance with the UGAS-EU admission policy.

Application Guidelines

1. Field of Study, Number of Applicants Accepted, and Supervisor

(1) Field of Study

Applications are accepted for any field in tropical and subtropical agriculture and related sciences.

(2) Number of Applicants Accepted

Not fixed. Successful applicants will be notified by the end of May 2025.

(3) Supervisor

An application without a nominated prospective supervisor will not be considered. Before applying, you must contact your preferred supervisor about your research topic. Refer to the list of supervisors in “**Field of Instruction and Supervising Professors**”. After admission, two co-supervisors (selected from “**Co-Supervising Professors**”) are assigned to each student. A Doctor of Philosophy degree is conferred on those who satisfactorily complete all the requirements within three years.

2. Qualifications

(1) Eligibility

International students at the graduate level who are engaged in research at a university or other research institution in Japan or overseas.

(2) Nationality

Applicants must have the nationality of a country recognized by the Japanese government.

(3) Age

There is no age restriction as long as the applicant meets the academic qualifications and other requirements.

(4) Academic Career

Applicants should possess a master’s degree or an equivalent degree as of September 30, 2025. If the applicant does not have a master’s degree but has conducted research equivalent to a master’s degree, they can submit their research achievements for evaluation. If the applicant’s research work is deemed acceptable, the application will be considered.

Applicants who wish to have their qualification reviewed for eligibility should contact the UGAS-EU office by December 10, 2024. If a successful applicant is unable to obtain a master’s degree or an equivalent degree by the end of September 2025, their acceptance will be revoked.

(5) Language

Applicants must be able to read and write English.

3. Application

All the documents listed below should be submitted by registered mail to the Dean of UGAS-EU by the head of the applicant’s institution by April 15, 2025. (Applications received after April 15, 2025 will not be accepted.) Applications sent directly by an applicant will not be accepted. Incomplete documents and documents arriving at UGAS-EU after the deadline will not be accepted. If any false information is found in the application documents, admission may be revoked even after a student has been admitted.

- a. **Application form for UGAS-EU** (*Application for Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences (Three-Year Doctoral Course) October 2025–September 2028**)
- b. **Field of study and research plan** (*Field of Study and Study Program**)
- c. **Applicant’s master’s degree** certificate or an official document issued by the applicant’s graduate school indicating that the applicant is expected to receive a master’s degree
- d. **Official transcripts of the applicant’s academic records** for the master’s program

- (4) If an applicant in **3. Application m.** (1)–(4) above has mistakenly paid the application fee
- (5) If an applicant has been granted an extension to a Japanese government scholarship

4. Interview

Applicants will be individually interviewed by their prospective supervisor and at least two other faculty members (selected by the prospective supervisor). The interview may take place in person or via an on-line conferencing system. In preparation for the interview, applicants must submit the following to the prospective supervisor before the date of the interview:

- (a) Summary of their master's thesis**
- (b) Research proposal**

The prospective supervisor will oversee this process, conduct the interview, and evaluate the applicant based on the results of the interview. The results of the evaluation will be used to assess the applicant's suitability and a student admission report will be prepared. The selection criteria for applicants include the following:

- (1) Master's thesis or equivalent research work**
- (2) Proposed research plan including its relevance to the applicant's recent research activities at their current institution**
- (3) Specialized knowledge in the applicant's field of study**
- (4) Motivation and aptitude for learning**
- (5) Proficiency in English**

5. Admission Period: September 10–12, 2025

*The admission and tuition fees for 2024 are as stated below. However, the fees for 2025 may be revised. If the tuition fee is revised during your period of enrollment, the revised tuition fee will apply.

- (1) Admission fee:** 282,000 yen

Note: The following applicants are not required to pay the admission fee:

- 1. Those who are continuing their studies after completing the master's program at Ehime University, Kagawa University, or Kochi University
- 2. International students receiving a Japanese government (MEXT) scholarship
- 3. Those who have applied for a Japanese government (MEXT) scholarship

- (2) Tuition fee (per semester):** 267,900 yen (535,800 yen per year)

- (3) 1. Students are required to pay 3,620 yen for Personal Accident Insurance for Students Pursuing Education and Research (Gakkensai) and Liability Insurance** (coverage for three years)

- 2. Comprehensive Insurance for Students Lives Coupled with Gakkensai for International Students: 33,370 yen** (coverage for three years) including tenant liability

Note: The above insurance premiums are for the 2024 academic year. However, the fees for 2025 may be revised

- (4) Medical insurance**

Students are required to take out "National Health Insurance" (Japan), which covers most medical costs up to 70%

- (5) Documents**

- 1. Pledge
- 2. Letter of guarantee
- 3. Curriculum vitae
- 4. Four 4×3 cm photographs

*The forms will be sent to you two weeks before the admission period

- (6) Japanese language**

Applicants are encouraged to learn some Japanese because it will be necessary for everyday life. If it is not possible to study Japanese before coming to Japan, classes are offered at all three universities.

6. Selection Method

Selection is based on the results of the interview outlined in **4** above and evaluating the applicant's academic transcript and other submitted documents.

7. Notes

Admission may be revoked if there is any false information or misrepresentation found in the submitted application documents.

8. Scholarship Information

Successful applicants may apply for the following scholarships. Please consult your prospective supervisor for further details.

Reservation Program for Monbukagakusho Honors Scholarship for Privately-Financed International Students by Pre-arrival Admission (university recommendation)

Eligibility: Privately financed international students who are planning to enroll with pre-arrival admission and are not receiving a Japanese government (MEXT) scholarship or any foreign government-sponsored scholarship

Amount: 48,000 yen per month (subject to change from year to year)

Period: 6 months (from October in the year of selection to the following March)

Note: Other scholarships are available for privately financed international students.
Please email the UGAS-EU Office for more information.

9. Personal Information

Personal information such as name and address provided in an application is used solely for the purposes of processing the application, notifying an applicant if the application is incomplete, announcing the results of acceptance, and sending documents related to the admission procedure if an applicant is accepted.

All correspondence relating to the application should be sent by airmail to the address below (enquiries can be made by email):

UGAS-EU Office

The United Graduate School of Agricultural Sciences, Ehime University

3-5-7 Tarumi, Matsuyama, Ehime 790-8566, Japan

Email: rendai@stu.ehime-u.ac.jp

<http://rendai.agr.ehime-u.ac.jp/english/>

10. Reasonable Consideration Requests by Prospective Students

For applicants who require consideration for examinations and during their studies, please inform the UGAS-EU office before submitting the application.

Note

This preliminary consultation is used to familiarize applicants requesting reasonable consideration about the current situation at the three UGAS-EU campuses beforehand to determine how best to accommodate their needs for both examinations and studying. The preliminary consultation is not intended to restrict applicants who wish to receive reasonable consideration from taking examinations or studying at UGAS-EU.

Fields of Instruction and Professors

Note : The underlined professors will retire before September 2028.

EH : Ehime University KG : Kagawa University KC : Kochi University

1 Bioresource Production Science Major Bioresource Production Science Department

a. Plant Resource Production

Professor(Affiliation)	Research Field	Main Subject
ARAKI Takuya (EH)	Crop Science	Ecophysiological studies on dry matter production and yield of crops
ICHIE Tomoaki (KC)	Tree Ecophysiology	Resource allocation strategies for growth, reproduction and herbivore defense of forest trees
UENO Hideto (EH)	Soil Science and Plant Nutrition	Dynamics of soil nutrients and agroecological soil management for sustainable agriculture
OKUDA Nobuyuki (KG)	Vegetable Horticulture	Development regulation of vegetable crops and raising of superior strain
KAMIYA Koichi (EH)	Forest Genetics	Molecular population genetics and conservation genetics of forest organisms
KAYA Hidetaka (EH)	Plant Molecular Biology	Plant Molecular genetics and physiology
TOYOTA Masanori (KG)	Crop Ecophysiology	Ecophysiology and morphology on yield determination of crops
NAKANO Michiharu(KC)	Horticulture and Plant Genetics and Breeding	Genetics and breeding research on flowering plants and fruit trees
BEPPU Kenji (KG)	Pomology	Reproductive physiology of fruit trees
MIYAZAKI Akira (KC)	Crop Physiology	Environmental stress physiology in rice, and yield and starch production in tropical crops

b. Plant and Animal Production under Structure

ARIMA Seiichi (EH)	Agricultural Machinery and Mechatronics	Development of agricultural machinery and robot for intelligent bioproduction system
ISLAM MD PARVEZ (EH)	Plant Factory Information Systems	AI-based Plant Growth Diagnosis and Control System
KAWANO Toshio (KC)	Post-harvest Process Engineering	Processing, handling and distribution technology for agricultural products
SUZUKI Yasushi (KC)	Forest Engineering	Logging cable system, Forest operation system, Forest road, Effects of forest operation to residual stands, Woody biomass
TAKAHASHI Noriko (EH)	TAKAHASHI Noriko (EH)	Development of storage technique on improvement of quality for agricultural products
TAKAMURA Takejiro (KG)	TAKAMURA Takejiro (KG)	Utilization and genetic improvement of horticultural plant resources. Genetic improvement and environmental control for flower color expression
TAKAYAMA Kotaro (EH)	TAKAYAMA Kotaro (EH)	Measurement and analysis of plant biological information for plant diagnosis in agricultural plant production

HATOU Kenji (EH)	HATOU Kenji (EH)	Research of the various models for the speaking plant approach in a plant factory
MORI Makito (KC)	MORI Makito (KC)	Climatological studies on agricultural ecosystems
WADA Hiroshi (EH)	WADA Hiroshi (EH)	Biophysics/biochemistry research in plant cells under environmental stress conditions

c. Aquaculture and Livestock Production

IKEJIMA Kou (KC)	Coastal and Fisheries Ecology	Ecology and Conservation of coastal ecosystems and fisheries resources
IMAJOH Masayuki (KC)	Fish Pathology	Studies on epidemiology and prevention of fish diseases caused by viruses, bacteria and parasites
KAWASAKI Kiyonori (KG)	Animal Nutrition	Study of the effects of using underutilized resources and insect into feed on the nutritional and physiological responses of animals (i.e. rabbits, pigs, and poultry)
GOTO Rie (EH)	Fish Reproductive Physiology and Aquaculture	Studies of developmental biotechnology and reproductive physiology in aquaculture species
SAITO Taiju (EH)	Aquaculture developmental engineering	Development of an efficient aquaculture technology by using developmental engineering methods
TAKAGI Motohiro (EH)	Fish Breeding and Conservation Genetics	Studies on fish breeding and conservation genetics
TACHIBANA Tetsuya (EH)	Poultry Nutritional Physiology	Studies on the bioactive molecules related to growth and behavior of chickens
FUKADA Haruhisa (KC)	Fish Nutritional Physiology	Studies on hormonal regulation of growth and digestion in fish

d. Bioresource Economics

TAKENOUCI Naruhito (EH)	Fisheries management and business	Study on economics and management theories of the sustainable development in the fisheries and fishing village
TSUBAKI Shinich (EH)	Agricultural Policy	Agricultural structure policy, Perspective of Paddy Fields Agriculture, Large Scale Farming, Group Farming
MATSUOKA Atsushi (EH)	Resources and Environmental Management	Economical studies on management and preservation of agricultural land
MAMADA Michihiko (EH)	Agricultural and Environmental Economics	Methods for effective use and management of local resources based on agricultural and environmental economics

2 Applied Bioresource Science Major

Applied Bioresource Science Department

a. Food Science

ADACHI Kohsuke (KC)	Marine biotechnology	Biochemical investigation for more efficient utilization of fisheries products (fisheries waste, deep-sea animals and etc)
OGAWA Masahiro (KG)	Food Protein Chemistry	Structure-function analysis of food proteins and their functional development
KASHIWAGI Takehiro (KC)	Food Functional Chemistry	Chemical biology of food material. Isolation and identification of functional substance in food
KISHIDA Taro (EH)	Nutrition	Studies on nutritional and physiological effects of food components, especially non-nutrient
SHIMAMURA Tomoko (KC)	Food Chemistry	Studies on reaction of food components, food functionality, and food analysis
TAKATA Goro (KG)	Applied Enzymology	Production of Rare Sugar from bio-resources using microbial and enzymatic reactions
MARUYAMA Koutatsu (EH)	Community Health and Nutrition	The approaches of nutritional epidemiology to do research on the association between dietary habits (i.e. food and nutrient intakes, eating behaviors, and eating foods with function claims) and human health
MORIMOTO Kenji (KG)	Applied Enzymology	Production of various rare sugars using microbial and enzymatic reactions
YONEKURA Lina (KG)	Food Chemistry	Bioavailability, bioaccessibility and assessment of biological activity of functional compounds in foods
WATANABE Akira (KG)	Microbial Biochemistry	Studies on biological characteristics of basidiomycetous mushrooms
WATANABE Seiya (EH)	Biochemistry	Identification and bioindustrial application of enzymes involved in novel metabolic pathway from microorganisms

b. Bioresource Science for Manufacturing

AKITA Mitsuru (EH)	Applied Molecular Cell Biology	Protein transport and metabolite transport in plant organelles
AKIYAMA Koichi (EH)	Genetic engineering in fungi	Molecular biology and recombinant protein production in <i>Fusarium oxysporum</i>
ASHIUCHI Makoto (KC)	Bioengineering and Nanotechnology	Development of Multi-functional Bionanomaterials and Their Applications
ICHIURA Hideaki (KC)	Material Chemistry of Forest Resources	Material Chemistry for utilization of forest resources
ICHIMURA Kazuya (KG)	Plant Stress Signaling	Biotic and abiotic stress signal transduction in plants
<u>ITOH Kazutaka (EH)</u>	Forest Chemistry	Chemistry for utilization of forest resources
KAWADA Miyuki (EH)	Molecular Microbiology	Biochemistry and molecular biology of membrane transporters

KIMURA Yoshio (KG)	Physiology of microorganisms	Studies on environmental adaptation in bacteria
SATO Masashi (KG)	Bioactive Natural Products Chemistry	Bio-organic chemistry of natural bioactive substances
SUEYOSHI Noriyuki (KG)	Molecular and Cellular Biology	Signal transduction mediated by protein phosphorylation and dephosphorylation
SUGAHARA Takuya (EH)	Animal Cell Technology	Screening and application of biofunctional substances from foodstuffs
SUGIMOTO Hiroyuki (EH)	Wood Science and Technology	Wood science and technology for utilization of forest resources
SUGIYAMA Yasunori (KG)	Animal cell biology	Molecular mechanisms of biological phenomena and disease in mammalian cells and animals
SUZUKI Toshisada (KG)	Biomass Chemistry	Organic chemistry, biosynthesis, and bioactivity of wood components, and woody biomass utilization
SEKITO Takayuki (EH)	Genetic engineering of microorganisms	Molecular mechanism and regulation of intracellular transport
TANAKA Naotaka (KG)	Cell biology	Functional analysis of the Golgi apparatus and its application to protein production
TABUCHI Mitsuaki (KG)	Applied Molecular Cell Biology	Studies on the regulation of vesicle trafficking and lipid metabolism in yeast and mammalian cells
TEBAYASHI Shinichi (KC)	Bioactive Chemistry	Organic chemical studies on bioactive chemicals from natural occurring : eg. isolation and identification of medical agents from folklore medical plants. screening for pesticidal agents from natural occurring
NISHI Kosuke (EH)	Animal Cell Technology	Functional analysis of biomolecules and elucidation of their mode of action
NISHIWAKI Hisashi (EH)	Bioorganic chemistry	Structure-activity relationship and mode of action of bioactive substances
NOMURA Mika (KG)	Molecular Plant Nutrition	Physiology and molecular biology in plant-microbe interaction
FUKAHORI Shuji (EH)	Paper Science	Development of high-performance paper
FURUMOTO Toshio (KG)	Plant Functional Chemistry	Bioorganic chemistry on natural products and their biosynthesis in plants
YANAGITA Ryo (KG)	Bioorganic chemistry	Structure-activity relationship study and analog development of natural organic compounds
YAMAUCHI Satoshi (EH)	Chemistry and Utilization of Bioresources	Synthetic Organic Chemistry for research about function and effective utilization of bioresources
WAKAMATSU Taisuke (KC)	Biomolecular functional science	Structure-function analyses of function-unknown proteins

3 Life Environment Conservation Science Major Life Environment Conservation Science Department

a. Land Conservation and Irrigation Engineering

IHARA Masaru (KC)	Environmental toxicology, Environmental microbiology	Research about the adverse effect of trace chemicals on aquatic organicism ; occurrence of the health-related water microbiology and their source ; and water-based epidemiology
<u>QUE Hiroki</u> (EH)	Hydrometeorology for Environmental Science	Micrometeorology of the plant canopy under changing environment, hydrological processes in forest and farmland watersheds, irrigation and drainage and integrated agricultural water use management
KUME Takashi (EH)	Soil hydrology	Study on water and solute transport in soil of irrigated land
KOBAYASHI Noriyuki (EH)	Geotechnical and geoenvironmental engineering	Application of rehabilitation engineering for Hydraulic Structures
SAKAMOTO Jun (KC)	Urban Planning and Disaster Management	Urban planning in the era of population shrinking and aging society
<u>SASAHARA Katsuo</u> (KC)	Erosion and Sediment Control, Landslide Engineering	Sediment and Water discharge from mountainous slope, Early warning system against landslide Mechanism of deformation of unsaturated soil
SATO Shushi (KC)	Water Use and Environmental Engineering	The overall engineering research for achieving the management of water environment and infrastructure in river basin
HARA Tadashi (KC)	Geotechnical and earth- quake proof engineering	Study on liquefaction characteristics of soft ground
HARUTA Shinsuke (EH)	Rural Resources Management for Environmental Preservation	Improvement and Management of Water Quality and Resources in Rural Area
YAMASHITA Naoyuki (EH)	Water Environmental Engineering	Study on securing of sanitary safety water environment

b. Environmental Science

ADACHI Masao (KC)	Aquatic Environmental Science	Biology, physiology and ecology of harmful algal blooms
ISHIBASHI Hiroshi (EH)	Ecotoxicology/ Molecular toxicology	Studies on ecotoxicological effects of environmental contaminants in animals Studies on disruption mechanism of nuclear receptor signaling pathway by environmental contaminants
ICHIMI Kazuhiko (KG)	Coastal Marine Science	Biological and Chemical Processes in Coastal Ecosystems
ITO Katsura (KC)	Insect Ecology	Ecology of herbivorous arthropods such as insects and mites
ITO Fuminori (KG)	Insect Ecology	Behavior and ecology of social insects
Ueno Daisei (EH)	Plant Nutrition and Physiology	Analysis on mechanisms of mineral transport in plants
OBAYASHI Yumiko (EH)	Marine molecular ecology/ Biogeochemistry	Biogeochemical cycles and related microbial ecology in marine environment

KAWASHIMA Ayato (EH)	Environmental Science for Industry	Development of effective utilization technology for biomass and treatment technology for hazardous pollutants
KANG Yumei (KC)	Soil Environmental Science	Rehabilitation of contaminated soil, water and grassland ecosystem
KIBA Akinori (KC)	Phytopathology	Analysis of plant immunity and disease development
GOMI Kenji (KG)	Plant Pathology	Signal transduction on plant-microbe interaction
☆SUZUKI Noriyuki (EH)	Environmental Sciences	Studies on multimedia fate and transport of chemicals in regional to global scales
SUZUKI Noriyuki (KC)	Insect Ecology	Evolution and community of insects
TAKAHASHI Shin (EH)	Environmental Analytical Chemistry, Environmental Chemistry, Ecotoxicology, Resources Recycling Engineering	Studies on development of analytical methods, elucidation of emission sources and environmental behaviors, and assessment of ecological effects for persistent bioaccumulative and toxic substances
<u>TATARAZAKO Norihisa</u> (EH)	Ecotoxicology/ Environmental Risk	Study on biological impact of chemical substances and wastewater /Study on evaluation and management of the environmental risk
<u>HIKICHI Yasufumi</u> (KC)	Plant Pathology	Analysis on pathogenicity mechanisms of plant pathogens and responses of host plants
MORITSUKA Naoki (KC)	Soil science and plant nutrition	Dynamics of fertilizer elements in agroecosystems for sustainable agriculture
YAENO Takashi (EH)	Plant Pathology	Molecular biology of plant-microbe interactions
YASUI Yukio (KG)	Evolutionary Ecology	Evolution of female multiple mating or polyandry, Evolutionary bet-hedging
YAMAGUCHI Haruo (KC)	Aquatic microbial physiology and ecology	Physiology and ecology of microalgae including harmful species
YAMAGUCHI Hitomi (KG)	Coastal Oceanography and Biogeochemistry	Analysis of material cycle and energy flow in coastal ecosystems
YAMADA Yoshihiro (KG)	Limnology Biogeochemistry	Analysis of the material cycling and ecosystem structure in the watershed. Research for the water environment in the region with small precipitation. Development of the environment assessment method by the multiple tracers
YOSHITOMI Hiroyuki (EH)	Entomology	Systematics and taxonomy of Insects, conservation

Those supervisors whose name are marked ☆ are professors of the National Institute for Environmental Studies.

**Outline of The United Graduate School
of Agricultural Sciences, Ehime University**

Educational Principles

The United Graduate School of Agricultural Sciences, Ehime University (UGAS-EU) is a collaboration between the Graduate School of Agriculture at Ehime University and Kagawa University, and the Agriculture and Marine Science Program, Graduate School of Integrated Arts and Sciences at Kochi University, each of which has its own unique characteristics. UGAS-EU aims to cultivate outstanding individuals, equipped with reasoned judgement based on profound insights into people, society, and nature, and advanced expertise and skills in highly specialized fields. Through forward-thinking and innovative research to produce significant research outcomes, we aim to nurture individuals who contribute to their local communities, assume leadership roles in regional development in their fields, and serve as a driving force for progress. In addition, by actively welcoming outstanding students from around the world and training them to be core researchers who will shape the future in their respective countries, we all contribute to the sustainable development of society, a balanced relationship between humanity and the natural environment, and a more peaceful, considerate world.

Course Description

1 Bioresource Production Science Major

In the Shikoku region, the agricultural, forestry, fisheries, and livestock industries have developed by taking advantage of the complex geographical features on the island. The industries cover a wide range such as horticulture in open fields and greenhouses; citrus fruit and flower cultivation; and aquaculture in the inland and coastal areas. This major focusses on education and research aimed at developing fundamental studies and applied technologies for the production and management of plant and animal resources.

Bioresource Production Science Department

The Bioresource and Production Science Department aims to achieve the educational goals of this major through the four fields of study listed below, serving as the foundation for educational research.

◆ **Plant Resource Production:** In this field, educational research is conducted to address issues such as qualitative and quantitative improvement in the production of field crops, fruit trees, vegetables, flowers, and forestry and forestry products, as well as the improvement of genetic quality and the rationalization of production and management techniques, from an advanced perspective.

◆ **Plant and Animal Production under Structure:** In this field, educational research is conducted on fundamental issues such as improving productivity through facilities like greenhouses, engineering considerations for the agricultural facilities themselves, along with biological behavior and environmental characteristics under facility conditions.

◆ **Aquaculture and Livestock Production:** In this field, educational research is conducted to investigate the breeding, reproduction, feed, pathology, and environment of livestock and aquatic animals from biological, chemical, and physical perspectives to enhance production.

◆ **Bioresource Economics:** In this field, the focus is on training specialists with advanced development and applied skills in farm, forest, and fishing ground management, including measurement and planning methods; management and operation of production resources; distribution of products; socioeconomic fields including those related to the policies of farm, forest, and fishing ground management; and domestic and international market relations.

Deep Seawater Science (Joint Department)

The Deep Seawater Science Department conducts research and education on the basic research and applied technologies required for effectively using deep seawater in the fields of fisheries and marine food production by elucidating the chemical, physical, biological, and microbiological characteristics of deep seawater.

2 Applied Bioresource Science Major

The processing and storage of agricultural produce, or more specifically its effective use, is a significant sector in the national economy and also serves as a means of meeting diverse social demands for agricultural products. There is an increasing need for basic research and education in the development of new biochemical engineering technologies. This major focusses on the study of foundational techniques and applied research using these methods.

Applied Bioresource Science Department

The Applied Bioresource Science Department conducts education and research based on the two fields of study listed below to achieve the educational goals of this major.

◆ **Food Science** : In this field, educational research is conducted in applied biochemistry, encompassing chemistry, physics, nutrition, hygiene, use of agricultural products and aquatic products, microbiology, and other fields. The focus is on comprehensively understanding food products from production to consumption, including the structure and function of biological tissue constituents and other related aspects.

◆ **Bioresource Science for Manufacturing** : This field provides students with diverse research and education on biological resources, examining their chemistry, physics, physiology, and biochemistry. This study includes both theoretical and applied aspects aimed at the advanced use of biological resources. In addition, we cover fields such as chemistry and biochemistry that support the production of biological resources. Furthermore, we provide research and education in areas that contribute to what is commonly known as biotechnology.

3 Life Environment Conservation Science Major

The processing and storage of agricultural produce, or more specifically its effective use, is a significant sector in the national economy and also serves as a means of meeting diverse social demands for agricultural products. There is an increasing need for basic research and education in the development of new biochemical engineering technologies. This major focusses on the study of foundational techniques and applied research using these methods.

Life Environment Conservation Science Department

The Life Environment Conservation Science Department focusses on the two fields of study listed below to achieve the educational goals of this major.

◆ **Land Conservation and Irrigation Engineering** : This field provides education and research using physical and engineering methods to develop, improve, and rationalize infrastructure, including land development, improvement, water resource use, and the development of related facilities, across various terrains ranging from forests to agricultural lands and coastlines.

◆ **Environmental Science** : This field provides fundamental and applied education and research on the structure and function of large ecosystems ranging from terrestrial soils to the ocean, the environmental changes caused by human activities, and the conservation and management of the environments.

Education and Research

Advisory System

UGAS-EU consists of three majors and four departments, with academic staff expertise that extends beyond that of any one of the constituent universities. For each student, three faculty members (one supervisor and two co-supervisors) provide educational and research guidance, ensuring intensive and efficient education.

Instruction

Students choose their supervisor from the list of published educational and research fields of faculty members that align with their own research interests. Upon admission, students are assigned two co-supervisors who are suitable for their research topic. The supervisor and two co-supervisors provide educational and research guidance to the student. Students are registered at Ehime University, the core university of UGAS-EU. They are then assigned to the university where their supervisor is affiliated and receive research guidance under their supervision. They also receive guidance as needed from the two co-supervisors affiliated with the other constituent universities. The supervisor conducts research guidance based on the education and research guidance plan developed by the student at the time of admission and collaborates closely with the two co-supervisors to provide research guidance. Since April 2001, instruction and classes have been conducted in the evening or other specified times for working students. Starting in April 2004, working students have also been eligible to apply for the 'Long Term Study Plan', making it possible to extend the time for instruction past that for the normal course of study. Furthermore, the

'Short Term Study Program for Working Students' started in October 2016, in which working students deemed to have completed outstanding research can complete the program in two years.

Education

The primary goal of UGAS-EU is to provide students with advanced knowledge in agricultural science from a broad perspective and cultivate their ability to continue their research activities independently after graduating. To achieve this, we implemented the Student Education Program in April 2006. This program entails research guidance by several faculty members, seminars, and an interim presentation to assess the progress of the dissertation. Additionally, a new curriculum and a course credit system were introduced in April 2009 to enhance graduate school education. The school also offers, as part of its competitive programs, funding assistance to students through open recruitment for presenting at international conferences. Recognizing the role in the internationalization of academic disciplines and Japan's role in resource management and environmental conservation, UGAS-EU actively accepts international students. The Special Three-year Doctoral Program for International Students in Tropical and Subtropical Agriculture and Related Sciences was established in October 1990. In October 2002, the Special Doctoral Course in Agricultural Sciences for International Students from Asia, Africa, and the Pacific Rim was introduced, which allows students from the Graduate School of Agriculture at Ehime University and Kagawa University, and the Agriculture and Marine Science Program, Graduate School of Integrated Arts and Sciences at Kochi University to transition into UGAS-EU upon completion of their master's degree. The recruitment quota for the Ministry Education, Culture, Sports, Science and Technology International Priority Graduate Program (until October 2024) is six students under the Japanese government-funded special quota and six students under other quotas (such as privately funded). Additionally, recruitment for April enrollment outside the government-funded places has been conducted since the 2019 academic year.

Research

The three constituent universities each have a history of supporting the academic aspects of the Shikoku region, which has served as a base for bioresource production. Therefore, the combined resources of these universities through the graduate school covers a wide range of research fields from production technology, environment, and facilities supporting the agriculture, forestry, and fisheries industries to processing, use, and distribution of products, and even extends to issues related to human living environments.

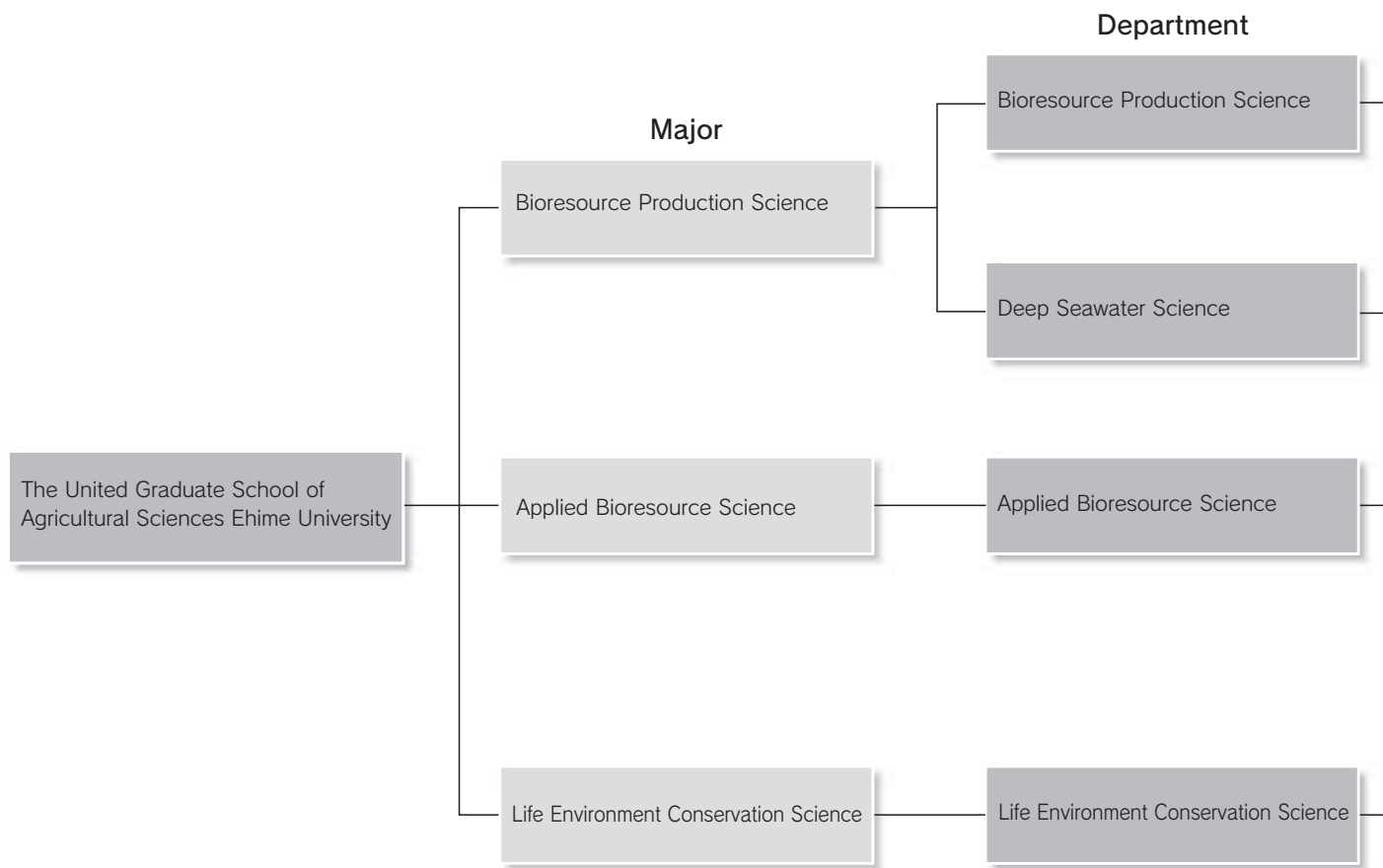
Completion of the Doctoral Course

The doctoral course requires enrollment for three or more years and acquiring at least 12 credits. In addition, students must pass the doctoral dissertation review along with the final academic I examination.

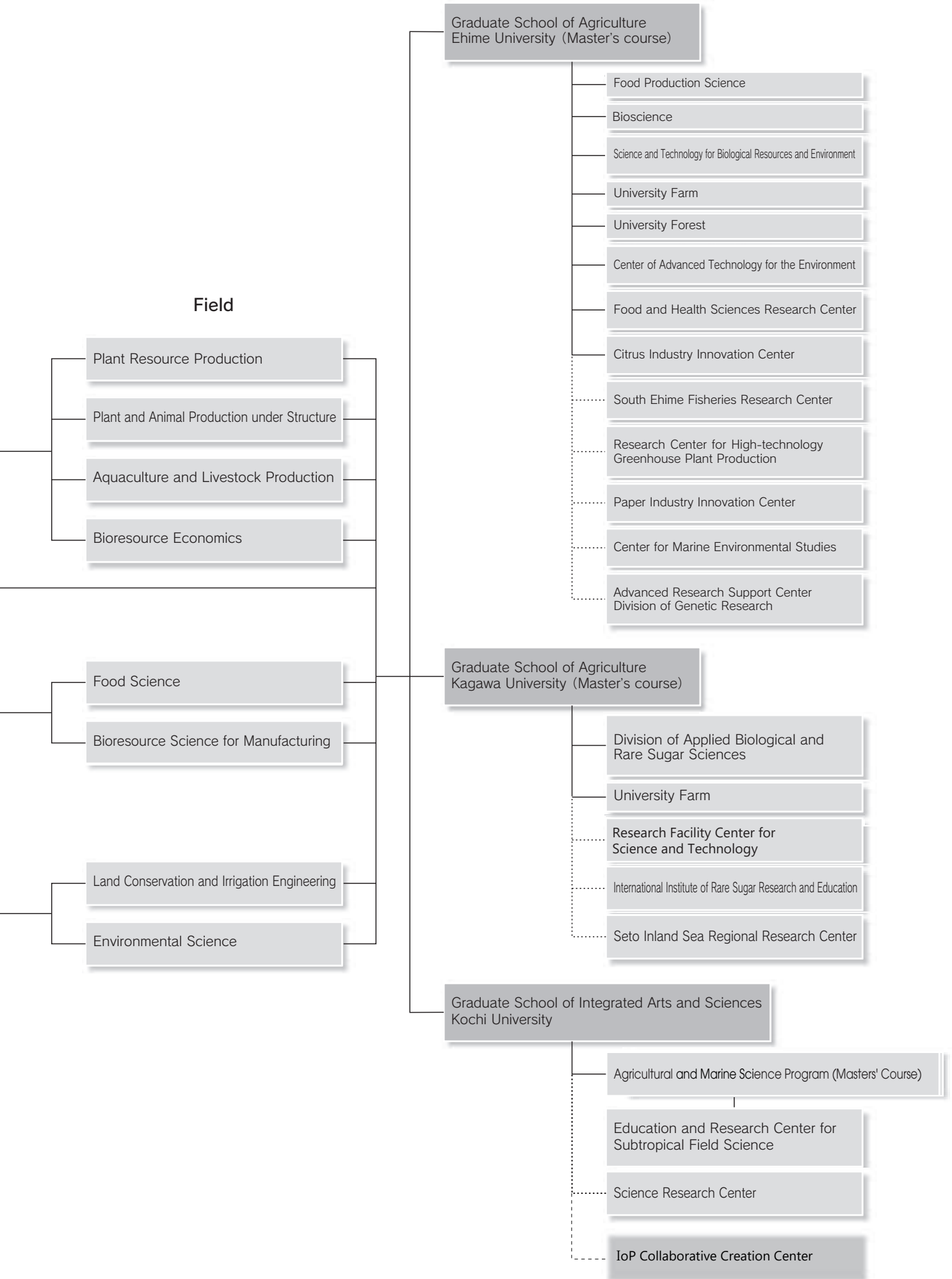
Students deemed to have completed outstanding work for their master's degree may go on to complete the doctoral course in one year.

Those who successfully complete the course will receive a Doctor of Philosophy degree.

Organization



UGAS-EU is based on the equal status of Ehime University, Kagawa University, and Kochi University, operating under close cooperation. UGAS-EU is an independent graduate school offering a three-year doctoral program, which is organized as an extension of the master's programs at each constituent university. Within the graduate school there are four departments under three majors: Bioresource Production Science, Applied Bioresource Science, and Life Environment Conservation Science.





APPLICATION FOR SPECIAL PROGRAM FOR INTERNATIONAL STUDENTS
IN TROPICAL AND SUBTROPICAL AGRICULTURE AND RELATED SCIENCES
(THREE-YEAR DOCTORAL COURSE, October 2025 - September 2028)

2025年10月入学愛媛大学大学院連合農学研究科
熱帯・亜熱帯農学留学生特別コース入学申請書
(2025年10月-2028年9月 後期3年のみの博士課程)

Paste a passport sized photo taken within 6 months. Write your name in block letters on the back of the photo.
(4.5cm×3.5cm Photo)
Data is acceptable
(maximum jpg file size: 3MB)

INSTRUCTIONS (記入上の注意)

1. The application should be typed if possible, or neatly handwritten in block letters. 明瞭に記入すること。
2. Numbers should be in Arabic numerals. 数字は算用数字を用いること。
3. Years should be written using the Anno Domini system. 年号はすべて西暦とすること。
4. Proper nouns should be written in full and not abbreviated. 固有名詞はすべて正式な名称とし、一切省略しないこと。

* The information provided in the application, such as name, address and other personal matters will be used only by the UGAS-EU office for the purpose of processing the applications and notifying the accepted applicants.

本申請書に記載された個人情報については、愛媛大学大学院連合農学研究科における出願手続及び入学手続のために利用する。

1. Name in full in native language
姓名 (自国語) Surname, Given name Sex
 Male (男)
 Female (女)

In Roman block capitals
(ローマ字) Surname, Given name
(Write your name exactly same as is printed in your passport)

2. Nationality 国籍 * Possession of Japanese nationality Yes, I have. (はい)
 No, I don't have it. (いいえ)

3. Date of birth 生年月日
Year 年, Month 月, Day 日, Age (as of April 1, 2025) 年齢 (2025年4月1日現在)

4. Present status (with the name of the university attended oremployer)
現職 (在学大学名又は勤務先名まで記入すること。)

5. Present address and telephone number, facsimile number, e-mail address
現住所及び電話、ファックス番号、E-mail アドレス
Present address 現住所 :

Telephone/facsimile number 電話番号/FAX 番号 :

E-mail address :

* If possible, provide an e-mail address that can be used for periods including the time before you come to Japan, your stay in Japan and the period after you return home.

可能な限り、渡日前～日本留学中～帰国後にわたり使い続けることが予想される E-mail アドレスを記入すること。

* The UGAS-EU office uses the above information to process applications and to notify successful applicants, so please provide details where you can be early contacted. If there is any change after submitting this application, please let us know as soon as possible.

なお、上記の情報は出願上の諸連絡や合格通知の際に使用するので、確実に受信できるものを記入すること。申請書提出後変更があった場合は速やかに届け出ること。

6. Prospective supervisor, university and research field (Select from "Fields of Instruction and Supervising Professors".)
指導を希望する主指導教員名、構成大学、研究分野 ("Fields of Instruction and Supervising Professors"から選ぶ)
Professor's name (主指導教員名):

University (構成大学): Ehime (EH) ・ Kagawa (KG) ・ Kochi (KC)

Research field (研究分野):

7. Educational background 学 歴

	Name and Address of School 学校名及び所在地	Year and Month of Entrance and Completion 入学及び卒業 年 月	Amount of time spent at the school attended 修学年数	Diploma or Degree awarded, Major subject 学位・資格、専攻科目 When taking leave of absence, the period and reason. 休学した場合はその期間・理由
Higher Education 高等教育 /Undergraduate Level /大学	Name 学校名	From 入学	years and months 年 月	
	Location 所在地	To 卒業		
/Graduate Level /大学院	Name 学校名	From 入学	years and months 年 月	
	Location 所在地	To 卒業		
Total years and months of study from elementary school through completion of graduate school. 小学校から大学院修了までの 全学校教育課程期間を合算した修学年月数			years 年	months 月

* If the blank spaces above are not sufficient for the information required, please attach a separate sheet.
((注) 上欄に書ききれない場合には、適当な別紙に記入して添付すること。)

8. Published papers, books, master's thesis and other academic articles.

学術論文、著書、修士論文等の研究業績

Note: Please complete the form "List of Publications".

(注) 様式「研究業績目録」に記入すること。

9. Employment record (Begin with the most recent employment, if applicable.) 職歴 (近年のもの)

Name and address of organization 勤務先及び所在地	Period of employment 勤務期間	Position 役職名	Type of work 職務内容
	From To		
	From To		

10. Japanese language proficiency (Evaluate your level and insert an X where appropriate in the following blank space.)

日本語能力 (自己評価により、該当欄に×印を記入すること。)

Category 種別	Excellent 優	Good 良	Fair 可	Poor 不可
Reading 読む能力				
Writing 書く能力				
Speaking 話す能力				

11. Foreign language proficiency (Evaluate your level and insert an X where appropriate in the following blank space.)

外国語能力 (自己評価により、該当欄に×印を記入すること。)

Language 言語	Excellent 優	Good 良	Fair 可	Poor 不可
English 英語				

12. Have you been awarded a Japanese Government (Monbukagakusho) Scholarship in the past? If so, please specify the period, the name of the university, etc.
過去に国費留学生に採用されたことがあるか。あるならば、その期間・受入大学名等を記入のこと。

と。 i) Yes, I have.

ある (Period 期間: University 大学:)

ii) No, I have not.

ない

13. Accompanying dependents (Provide the following information if you plan to bring any family members to Japan.)

同伴家族欄 (渡日する場合、同伴予定の家族がいる場合に記入すること。)

* All expenses incurred by the presence of dependents must be borne by the grantee. He/She is advised to take into consideration various difficulties and the great expense that will be involved in finding living quarters. Therefore, those who wish to be accompanied by their families are advised to come alone first and let their dependents come after suitable accommodation has been found.

(注) なお同伴者に必要な経費はすべて留学生の負担であるが、家族用の宿舎をみつめることは相当困難であり賃貸料も非常に割高になるのであらかじめ承知されたい。このため、留学生はまず単身で来日し、適当な宿舎をみつけた後、家族を呼び寄せること。

Name 氏名	Relationship 続柄	Age 年齢

14. Person to be notified in applicant's home country in case of emergency 緊急の際の母国の連絡先:

i) Name in full 氏名:

ii) Address: with telephone number, facsimile number, e-mail address 住所: 電話番号、ファックス番号及びe-mail アドレスを記入のこと。

• Present address 現住所:

• Telephone/Facsimile number 電話番号/FAX 番号:

• E-mail address:

iii) Occupation 職業:

iv) Relationship 本人との関係:

15. Immigration Records to Japan 日本への渡航記録

Date 日付	Purpose 渡航目的
From To	
From To	

Date of application 申請年月日

Applicant's signature 申請者サイン

Applicant's name (in Roman block capitals) 申請者氏名

(別紙)

Field of Study and Study Program 専攻分野及び研究計画

Full name in native language _____

(姓名 (自国語))

(Surname)

(Given name)

Nationality _____

(国 籍)

Proposed study program in Japan (State the outline of your major field of study on this side and the details of your study program on the backside of this sheet in concreteness. This section will be used as one of the most important references for selection. Statement must be prepared in typed. Additional sheets of paper may be attached if necessary.)

日本での研究計画：この研究計画は、選考の重要な参考となるので、表面に専攻分野の概要を、裏面に研究計画の詳細を具体的に記入すること。記入はタイプ入力するものとし、必要な場合は別紙を追加してもよい。

If you have Japanese language ability, write in Japanese.

(相当の日本語能力を有する者は、日本語により記入すること。)

1 Field of study (専攻分野)

2. Study program in Japan in detail and concreteness (研究計画：詳細かつ具体的に記入すること。)

List of Publications

研究業績目録

Books · Master thesis
[著書・修士論文]

Name
氏名

1 Title

1 著書（図書）等の表題

Title of Chapter (Section), page number(s), year of publication, publisher
担当した章（項）の表題、ページ、発行年、発行所

Author(s):

著者：

Responsible for:

担当：

Papers (published in peer-reviewed journals)

[学術論文]（ピアレビューのある雑誌に掲載された論文）

1 Title

1 論文の表題

Journal name, volume (number), page number(s), year of publication
発表雑誌名、巻（号）、ページ、発行年

Author(s):

著者：

Responsible for:

担当：

Other Papers (published in non-peer-reviewed journals)

[その他の論文]（ピアレビューのない雑誌等に掲載された論文）

1 Title

1 論文の表題

Journal name, volume (number), page number(s), year of publication
発表雑誌名、巻（号）、ページ、発行年

Author(s):

著者：

Responsible for:

担当：

*1. For a co-authored publication, list the names of all co-authors in order as published, and underline your own name.

*2. In the space “Responsible for”, list your contribution to the book or paper in areas such as research planning, experiments, surveys, collecting data, discussion, writing the paper, submitting the manuscript, and research guidance (more than one area of contribution is acceptable).

*3. The list should be prepared in typed.

※1 「著者：」の箇所は、共著者名全員を論文に記載どおりの順で書き、自分の名前には下線を付けること。

※2 「担当：」の箇所は、その著書や論文等の研究において、研究企画・実験・調査・資料収集・考察・論文作成・論文投稿・研究指導など、自分が果たした役割（複数可）を記入すること。

※3 この書類はタイプ入力で作成すること。

List as many publications you think are necessary. Add more pages if required.

必要と思う業績はできるだけ記入してください。用紙が足りない場合は追加してください。

Letter of Recommendation

To: President of Ehime University

Recommendee

Full Name _____

Date of Birth _____

Nationality _____

Your recommendation:

Date _____
(month) (date) (year)

Recommender

Signature _____

Print Name _____

Title and Institution _____

Address _____

Record of Contact with the Prospective Supervisor

Name of Prospective Supervisor _____

Department _____

Applicant's name _____

Choosing an supervisor is a very important factor in insuring a productive and successful doctoral program. Please explain from when and what kind of contact you have had so far and submit copies of any letters (e-mail, faxes, or regular post) that you have sent or received. Your answer will be considered in the selection process.

CHECK LIST

Please check before submitting your documents.

	Requirement	✓	Notes
a	Application for Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences (Three-Year Doctoral Course, October 2025 - September 2028).	1 original	<input type="checkbox"/> Use uploaded form
b	Field of Study and Study Program	1 original	<input type="checkbox"/> Use uploaded form
c	Official proof of the applicant's master's degree or a certificate issued by the applicant's graduate school indicating that the applicant is expected to receive a master's degree	1 original	<input type="checkbox"/> If the document is written in a language other than Japanese or English, please submit a translation in English.
d	Official transcripts of the applicant's academic records for the graduate grades	1 original	<input type="checkbox"/> If the documents are written in a language other than Japanese or English, please submit a translation in English.
e	Certificate of citizenship issued by a government authority or a copy of your passport	1 original Or 1 copy	<input type="checkbox"/>
f	Passport-sized photographs (4.5×3.5 cm) (showing the head and top of shoulders with face and shoulders square on white or light-coloured background.; no hat except for religious or medical reasons) taken within six months of the application date with the applicant's name and nationality written on the reverse side	4 photos	<input type="checkbox"/> One photograph should be attached to the application form, and the other three should be enclosed therein. *Photographs can be submitted by data, maximum jpg file size: 3MB, but do not change the aspect ratio.
g	List of publications	1 original	<input type="checkbox"/> Use uploaded form
h	One copy of the master's thesis or an equivalent paper. Those who have not yet received a master's degree should send a report (in English) of their current research project	1 copy	<input type="checkbox"/> An English abstract is required if the original is not in English. If the master's thesis is very long, a summary (2-3 A4 pages) is acceptable.
i	Reprints (copies are acceptable) of main academic papers and books listed in g List of Publications for part a (and g), except the master's thesis	1 copy each	<input type="checkbox"/> An English abstract (2-3 A4 pages) is required if the original is not in English. The title spelling and order of author names of books and academic papers should be written using same expression and style (upper and lower case, italic, etc.) as it appears in the reprints.
j*	One copy of the official results of a TOEFL, TOEIC, IELTS, Duolingo English Test or other internationally recognized English language proficiency tests that you have achieved in the past two years	1 copy	<input type="checkbox"/>
k	A letter of recommendation written by the head of the applicant's current affiliated institution addressed to the President of Ehime University	1 original	<input type="checkbox"/> Use uploaded form
l*	Record of contact with the prospective supervisor in which the applicant has written his/her choice of supervisor and what contact has been made and include the results of the interview examination.	1 original	<input type="checkbox"/> Use uploaded form
m	30,000 yen for the application fee Note: The following applicants do not need to pay the application fee. (1) Those who completed the Master's course at Ehime, Kagawa or Kochi Universities in September 2025. (2) International students receiving a Japanese government (MEXT) scholarship. *Excluding international students who are applying for or intend to apply for an extension of a Japanese government scholarship to receive payment after entering UGAS-EU. (3) Those who have applied for a Japanese government (MEXT) scholarship but have not yet been notified of the result. (4) Those who apply to UGAS-EU through pre-arrival admission.		<input type="checkbox"/> Applicant should consult with prospective supervisor about the method of payment.
n	Check list	1 original	<input type="checkbox"/> Use uploaded form

*Applicants who completed the Master's course at Ehime, Kagawa or Kochi Universities don't need to submit the documents **j** and **l**.

- **Notes**
- Do not staple any of the application documents.
- Documents **a**, **b**, **g**, **k**, **j**, **n** should be prepared in typed or neatly handwritten in English or Japanese using the forms provided.

They also should be prepared on A4 paper (29.5 × 21 cm). Download and use the forms from the UGAS-EU website.
<http://rendai.agr.chime-u.ac.jp/english/annai/>

- If any document for submission is written in a language other than Japanese or English, English translation should be submitted. English translations should be provided by the issuing institution or authority. If the issuing institution or authority is not able to provide a translation, applicants should have the document(s) translated and have them certified by the issuing institution or authority. Both the English translation and the original document(s) should be submitted.
- Incomplete documents or documents arriving at UGAS-EU office after the deadline will not be accepted.
- None of the submitted documents will be returned to the applicant.
- If paying the 30,000 yen application fee from abroad, please pay in yen via a bank transfer. The bank account information will be sent when needed.
- The application fee will be reimbursed under the following conditions. If you are eligible for reimbursement, please contact the UGAS-EU office. However, please note that all the bank charges (including transfer fees, intermediary bank fees etc.) for the reimbursement through overseas remittance are the responsibility of the applicant.
 - (1) If the applicant does not submit an application to Ehime University after paying the application fee
 - (2) If the applicant pays the application fee twice or pays too much in error
 - (3) If the application is not accepted
 - (4) If the applicant stated in 3. Application m. (1)-(4) above mistakenly pays the application fee
 - (5) If the applicant has been granted an extension to a Japanese government scholarship