



# **The Three-Year Special Program for International Students**

**in Tropical and Subtropical Agriculture and Related Sciences**

**Application Guidelines**

**for non-MEXT Special Selection applicants**

**October 2026–September 2029**

**The United Graduate School of Agricultural Sciences, Ehime University**  
Ehime University • Kagawa University • Kochi University

# The United Graduate School of Agricultural Sciences, Ehime University

## Admission Policy

### Desired Applicants

Agricultural science integrates various academic disciplines, including biology, chemistry, physics, engineering, economics, and biotechnology. Consequently, an interdisciplinary approach is required to establish balanced and sustainable relationships between nature and society. Therefore, we seek individuals who possess broad knowledge and a flexible mindset unconstrained by conventional academic frameworks, who strive to deepen their understanding of biological functions and enhance biological productivity, who aim to use biological resources efficiently, and who are committed to exploring agriculture of the future with an emphasis 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 welcomes graduates from master's programs at universities in Japan as well as outstanding international students pursuing research relevant to their respective countries and regions.

Agricultural science plays a crucial role in sustaining and improving the quality of people's lives while preserving and enhancing the environment and ecosystems that support it. Therefore, we encourage applications from individuals who are motivated to take on the challenges in agricultural science and lead the future of society.

The Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences is designed to provide research and education in the production and use of biological resources and the environmental sciences that support them in the tropical and subtropical regions. Centered on such regions, this program targets outstanding mid-career scientists engaged in research or education worldwide and trains them to become highly skilled researchers and technical experts who can contribute to the future development of their home countries.

The Special Doctoral Course Program in Agricultural Sciences for Students from Asia, Africa, and the Pacific Rim (AAP) is designed as an integrated educational pathway from the master's to the doctoral level. The program is open to graduates and prospective graduates of international universities, aiming to train them to become highly skilled researchers and technical experts in agricultural science.

### Program Goals and Core Competencies

#### 1. Knowledge, Discovery, and Understanding

Possess fundamental and specialized knowledge in agriculture, environmental sciences, and related disciplines; demonstrate the ability to identify, analyze, and solve problems in their area of expertise through data collection and analysis; and conduct research independently or in groups.

#### 2. Ethics and Practical Application

Exhibit a high level of ethical awareness in the research of Bioresource Production Sciences, Applied Bioresource Sciences, Life Environment Conservation Sciences, and related scientific fields; and apply scientific principles to research and education in agriculture, the environmental sciences, and related disciplines with integrity.

#### 3. Information Dissemination

Take an active role in addressing global challenges in agriculture and environmental sciences and to effectively communicate research findings and insights at an international level.

#### 4. Critical Thinking, Judgment, Expression, and Communication

Possess strong scientific reasoning and objective judgment capabilities; be able to see and think broadly and consider issues comprehensively; and exhibit advanced presentation and communication skills for diverse audiences.

### Admission Selection Policy

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 apply that knowledge and skills, and their proactive attitude toward collaborative learning with diverse individuals. In addition, a system is in place for international students to be admitted prior to arriving in Japan, opening the door for 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 faculty members to evaluate the following: (1) master's thesis or equivalent research, (2) research plan after admission, (3) specialized knowledge, (4) aptitude and motivation for learning, and (5) English communication skills. 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 program are evaluated based on their doctoral research plan and a recommendation letter 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, the Graduate School of Agriculture at 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 recognizes the importance of agricultural science students broadening their outlook and gaining a deeper understanding of their field. Accordingly, to meet the growing needs in the fields of environmental studies and resource studies in tropical and subtropical 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 2026 – September 2029 program in accordance with the UGAS-EU admission policy.

## Application Guidelines

---

### 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 2026.

**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 Professors**". After admission, two co-supervisors are assigned to each student. A Doctor of Philosophy degree is conferred on those who satisfactorily complete all the requirements within three years.

---

### 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, 2026.

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 8, 2025. If a successful applicant is unable to obtain a master's degree or an equivalent degree by the end of September 2026. Even after admission has been granted, the admission may be revoked.

**5. Language**

Applicants must be able to read and write English.

## Application

Applicants must submit their application to the Dean of UGAS-EU with the approval of the head of their affiliated institution by April 15, 2026.

Please note the following:

- Applications sent directly by an applicant will not be accepted
- Applications without the approval of the head of the affiliated institution 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	<b>Application form for UGAS-EU</b> [Form*: <i>Application for Admission to the United Graduate School, Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences (three-year doctoral course, September 2026–October 2029)</i> ]
b	<b>Field of study and research plan</b> [Form*: <i>Field of Study and Research Plan</i> ]
c	<b>Applicant's master's degree</b> 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	<b>Official transcripts of the applicant's academic records</b> for the master's program
e	<b>Certificate of citizenship</b> issued by a government authority <b>or a copy of the applicant's passport</b>
f	<b>Four passport-sized photographs</b> (4.5 × 3.5 cm: head and shoulders, facing forward, without any headwear except for religious or medical reasons, on a white or light-colored background) taken within the past six months with the applicant's name and nationality written on the back of each photograph. Attach one photograph to the application form and enclose the other three in an envelope  A single jpg file may be submitted (max. size: 3 MB) but do not change the aspect ratio
g	<b>List of publications (master's thesis, books, and academic papers)</b> [Form*: <i>List of Publications</i> ]
h	<b>One copy of the master's thesis</b> or equivalent (submit an abstract (2–3 A4 pages) in English if the thesis is not in English). Applicants who have not yet received a master's degree should submit a report (in English) of their current research project
i	<b>Copies of the main academic papers and books listed in g <i>List of Publications</i></b> , except the master's thesis, must be submitted <b>Note:</b> Submit a summary in English (2–3 A4 pages) if the papers or books are not in English
j	<b>**One copy of the official results of a TOEFL, TOEIC, IELTS, Duolingo English Test, or other internationally recognized English language proficiency test</b> that the applicant has achieved in the past two years
k	<b>A letter of recommendation written by the head</b> of the applicant's current institution addressed to the President of Ehime University [Form*: <i>Letter of Recommendation</i> ]
l	<b>**Record of contact with the prospective supervisor</b> detailing any interactions, discussions, or meetings between the applicant and the prospective supervisor, including the results of the interview [Form*: <i>Record of Contact with the Prospective Supervisor</i> ]
m	<b>Application fee: 30,000 yen</b> Request an application fee payment slip from the UGAS-EU Office (rendai@stu.ehime-u.ac.jp)  <b>Note:</b> The following applicants are not required to pay the application fee: <ol style="list-style-type: none"> <li>Those who are scheduled to complete the master's program at Ehime University, Kagawa University, or Kochi University in September 2026</li> <li>International students receiving a Japanese government (MEXT) scholarship</li> <li>Those who have applied for a Japanese government (MEXT) scholarship</li> </ol>

	4. Those who are applying for admission to UGAS-EU through the pre-arrival admission system
n	<b>Checklist:</b> Applicants should check the many requirements for application documents using the checklist. Carefully review the checklist to ensure all the items have been prepared and place a check mark against each completed item before submitting the application [Form*: <i>Checklist</i> ]

\* Download the forms from the UGAS-EU website: <http://rendai.agr.ehime-u.ac.jp/english/annai/>

\*\* Applicants who have completed the master's course at Ehime University, Kagawa University, or Kochi University do not need to submit documents j and l

#### Notes

- Do not staple any of the application documents
- Documents **a, b, g, k, l, and n** should be typed or neatly handwritten in English or Japanese using the designated forms, available for download from the UGAS-EU website
- If any document for submission is written in a language other than Japanese or English, an English translation should be submitted. The English translation 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 (accurately reflecting the content of the original document) and have them certified by the issuing institution or authority. Submit both the English translation(s) and original document(s)
- Incomplete documents or documents arriving at the UGAS-EU Office after the deadline will not be accepted
- The submitted documents will not be returned to the applicant
- If paying the 30,000 yen application fee from overseas, please pay in yen via a bank transfer. Note, the applicant is responsible for any bank transfer fees. Bank account details will be provided by UGAS-EU when required
- The application fee will be refunded under the following conditions. If you are eligible for a refund, contact the UGAS-EU Office. However, the applicant is responsible for all fees associated with refunding the application fee via overseas remittance
  - (1). If an applicant has paid the application fee but did not submit an application
  - (2). If an applicant has mistakenly paid the application fee twice or paid more than the prescribed amount
  - (3). If an application is not accepted
  - (4). If an applicant in **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

---

### 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 online. In preparation for the interview, applicants must submit the following to the prospective supervisor before the date of the interview:

1. **Summary of their master's thesis**
2. **Research plan**

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:

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

---

## Selection Method

---

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

### Pass-fail criteria

Applicants are evaluated based on an interview, their academic transcript, and other submitted documents. Those with an overall score of less than 60% will not be considered for selection

---

## Admission Period: September 9 to 16, 2026

---

The admission and tuition fees for 2025 are shown below but are subject to revision. If the tuition fee is revised during your period of enrollment, the revised tuition fee will apply.

Please note that the admission fee is non-refundable, even if enrollment is cancelled after the above admission period has ended.

1. Admission fee: 282,000 yen

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

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

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

3. Students are required to obtain the following insurance policies:

**Personal Accident Insurance for Students Pursuing Education and Research (Gakkensai) and Liability Insurance:** 3,620 yen (coverage for three years)

**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 2025 academic year. However, the fees for 2026 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. Required Documents (tentative)

- 1) Pledge
- 2) Letter of guarantee
- 3) Student Record
- 4) Your Master's degree (for those who applied with expected completion)
- 5) Copy of Residence Card (both sides) (for international students only)
- 6) Four photographs (4.5 × 3.5 cm)

\* If you are unable to submit during the enrollment procedure period, please consult with us and submit promptly by September 30 after completion.

\* Refer to the "Admission Guide", which will be sent about two weeks before the admission period begins, for detailed information regarding the procedure.

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.

**Note:**

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

---

## Scholarship Information

---

Successful applicants may apply for the following scholarships. 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 under the pre-arrival admission system 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 April in the year of selection to the following March)

**Note:**

Other scholarships are available for privately financed international students. Email the UGAS-EU Office for more information.

---

## 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: <a href="mailto:rendai@stu.ehime-u.ac.jp">rendai@stu.ehime-u.ac.jp</a>
---

---

## 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

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
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)	Floricultural Science	Molecular genetic studies of ornamental plants
BEPPU Kenji (KG)	Pomology	Reproductive physiology of fruit trees
MIYAZAKI Akira (KC)	Crop Science	Yield production and physiology in field crops

### b. Plant and Animal Production under Structure

ISLAM Md Parvez (EH)	Information Systems for Plant Factory	Research on development of technology and artificial intelligence for next-generation smart agriculture
SUZUKI Yasushi (KC)	Forest Engineering	Logging cable systems, forest operation systems, forest roads, effects of forest operations on residual stands, woody biomass
HATOU Kenji (EH)	Information Systems for Plant Factory	Research on measurement and artificial intelligence for smart agriculture
MORI Makito (KC)	Applied Meteorology	Climatological studies on agricultural ecosystems
WADA Hiroshi (EH)	Plant Biophysics Biochemistry	Environmental plant physiology using single cell analyses combined water relations with mass spectrometry



**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 insects in 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 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**

TAKENOUCHI Naruhito (EH)	Fisheries Management and Business	Study on economics and management theories of sustainable development in fisheries and fishing villages
MATSUOKA Atsushi (EH)	Resources and Environmental Management	Economic study of the management and preservation of agricultural land
MAMADA Michihiko (EH)	Resource & Environmental Economics	Economic and Policy Studies on the Effective Utilization of Local Resources

## 2. Applied Bioresource Science Major / Applied Bioresource Science Department

### a. Food Science

OGAWA Masahiro (KG)	Food Protein Chemistry	Structure-function analysis of food proteins and their functional development
KASHIWAGI Takehiro (KC)	Food Functional Chemistry	Isolation and identification of functional compounds in foods, agricultural products, and medical plants
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 sugars from bio-resources using microbial and enzymatic reactions
MARUYAMA Koutatsu (EH)	Community Health and Nutrition	The approaches of nutritional epidemiology to research the association between dietary habits (i.e., food and nutrient intake, eating behavior, and eating food with function claims) and human health
MORIMOTO Kenji (KG)	Applied Enzymology	Production of various rare sugars using microbial and enzymatic reactions
YOSHIHARA Akihide (KG)	Applied Enzymology	Production of rare sugars using microorganisms and enzymes
YONEKURA Lina (KG)	Food Chemistry	Bioavailability, metabolism and function of bioactive compounds

### b. Bioresource Science for Manufacturing

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
KAWADA Miyuki (EH)	Molecular Microbiology	Biochemistry and molecular biology of membrane transporters
SATO Masashi (KG)	Bioactive Natural Products Chemistry	Bio-organic chemistry of natural bioactive substances

SUGAHARA Takuya (EH)	Animal Cell Technology	Screening and application of biofunctional substances from foodstuffs
SUGIMOTO Hiroyuki (EH)	Physics of Wood and Engineered Wood	Development of the novel wood and wood based materials
SUZUKI Toshisada (KG)	Biomass Chemistry	Organic chemistry, biosynthesis, biodegradation and utilization of wood components
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	Analysis of the regulatory mechanism of sphingolipid metabolism using yeast and functional analysis of plant pathogen effectors using yeast expression system
TEBAYASHI Shinichi (KC)	Bioactive Chemistry	Organic chemical studies of naturally occurring bioactive compounds including the isolation and identification of medicinal agents from traditional medicinal plants and the screening of natural products for pesticidal activity
NISHI Kosuke (EH)	Molecular Pharmacology of Bioactive Compounds	Functional molecular analysis of naturally occurring and synthetic bioactive compounds
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
MURAMATSU Hisashi (KC)	Applied Microbiology	Screening, characterization, and application of microbial enzymes
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

### 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 on the adverse effect of trace chemicals on aquatic organisms; occurrence of health-related water microbiology and their sources; and wastewater-based epidemiology
<u>QUE Hiroki (EH)</u>	Hydrometeorology for Environmental Science	Micrometeorology of the plant canopy under changing environments, 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 an Era of Declining Population
SATO Shushi (KC)	Water Use and Environmental Engineering	Overall engineering research for managing the water environment and infrastructure in river basins
SHIBUO Yoshihiro (KC)	Hydrology and Hydraulic Engineering	Flood forecast and stormwater management
HARA Tadashi (KC)	Geotechnical Engineering	Research on soil dynamics and liquefaction. Development of environmentally and low cost civil structures using natural materials such as wood and stone
YAMASHITA Naoyuki (EH)	Water Environmental Engineering	Study on securing a sanitary and safe 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 pathways by environmental contaminants
ICHIMI Kazuhiko (KG)	Biological and Chemical Processes in Coastal Ecosystems	Biological and chemical processes in estuarine and coastal ecosystems
ITO Katsura (KC)	Insect Ecology	Ecology of herbivorous insects and mites
OBAYASHI Yumiko (EH)	Marine Molecular Ecology/ Biogeochemistry	Biogeochemical cycles and related microbial ecology in marine environments

KAWASHIMA Ayato (EH)	Environmental Science for Industry	Development of analysis and treatment technologies for chemical substances in the environment and effective utilization technologies of biomass
KANG Yumei (KC)	Soil Environmental Science	Mechanism of soil pollution and rehabilitation of contaminated soil
KIBA Akinori (KC)	Phytopathology	Analysis of plant immunity and disease development
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
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
YAMAGUCHI Hitomi (KG)	Coastal Oceanography and Biogeochemistry	Analysis of material cycle and energy flow in coastal ecosystems
YOSHITOMI Hiroyuki (EH)	Entomology	Systematics and taxonomy of Insects, conservation of biodiversity

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

# Educational Philosophy

The United Graduate School of Agricultural Sciences, Ehime University (UGAS-EU) is a collaborative, doctoral-level graduate school uniting the strengths of three institutions: the Graduate School of Agriculture at Ehime University, the Graduate School of Agriculture at Kagawa University, and the Agriculture and Marine Science Program, Graduate School of Integrated Arts and Sciences at Kochi University. Each university brings its own unique expertise and academic traditions, creating a rich and diverse educational environment. Our mission is to cultivate future leaders equipped to meet the challenges of the 21<sup>st</sup> century. Through advanced research and education, UGAS-EU nurtures individuals who think critically, understand the complex relationship between humanity, society, and nature, and possess the specialized skills needed to advance agricultural and life sciences. We are committed to producing research of global relevance while also fostering professionals who contribute to local innovation and sustainable regional development. By actively welcoming talented international students from around the world and training them to become leading researchers and changemakers in their home countries, UGAS-EU contributes to sustainable social progress, a balanced relationship between humanity and the natural environment, and the creation of a more peaceful, compassionate global society.

## Course Description

### 1. Bioresource Production Science Major

The Shikoku region's diverse geography supports rich agricultural, forestry, fisheries, and livestock industries, from open-field horticulture and greenhouse cultivation to citrus fruit, floriculture, and coastal aquaculture. This major provides cutting-edge education and research focused on both fundamental science and practical technologies for the production and sustainable management of plant and animal resources.

#### **Bioresource Production Science Department**

The department provides a comprehensive education through four specialized fields, forming the core of research and learning.

**Plant Resource Production:** Explore advanced approaches to enhancing the quality and quantity of crops, fruit trees, vegetables, flowers, and forestry products. Study genetic improvement alongside innovative production and management techniques.

**Plant and Animal Production under Structure:** Investigate productivity optimization within controlled environments such as greenhouses. Research covers facility engineering, biological behavior, and environmental management under structural conditions.

**Aquaculture and Livestock Production:** Examine the biological, chemical, and physical factors influencing breeding, reproduction, nutrition, health, and environmental conditions in aquatic and livestock species to boost production efficiency.

**Bioresource Economics:** Develop expertise in the management, planning, and operation of farm, forest, and fisheries resources. Study product distribution, socioeconomic policies, and market dynamics both domestically and internationally.

#### **Deep Seawater Science (Joint Department)**

This interdisciplinary department focuses on the scientific exploration and practical applications of deep seawater. Research covers its unique chemical, physical, biological, and microbiological properties to advance fisheries and marine food production technologies.

### 2. Applied Bioresource Science Major

Effective processing and storage of agricultural products are critical to the national economy and vital to meeting society's diverse demands. This major emphasizes foundational research and the development of innovative biochemical engineering technologies for the advanced utilization of biological resources.

#### **Applied Bioresource Science Department**

Education and research in this department are concentrated in two key areas.

**Food Science:** This field explores the science of food through a multidisciplinary approach grounded in applied biochemistry. Educational and research activities span chemistry, physics, nutrition, hygiene, microbiology, and the use of agricultural and aquatic products. The program emphasizes a comprehensive understanding of food systems, from production and processing to consumption, focusing on the structure and function of biological tissues and related aspects.

**Bioresource Science for Manufacturing:** This field provides in-depth study of biological resources through chemistry, physics, physiology, and biochemistry. It covers both theoretical and practical approaches to the utilization of biological materials, including biotechnology applications that support resource production and innovation.

### 3. Life Environment Conservation Science Major

With global population growth and resource consumption reaching critical levels, the conservation and sustainable use of natural environments are more important than ever. This major addresses these challenges through integrated engineering and ecological education and research aimed at preserving the ecosystems that underpin bioresource production and human well-being.

#### **Life Environment Conservation Science Department**

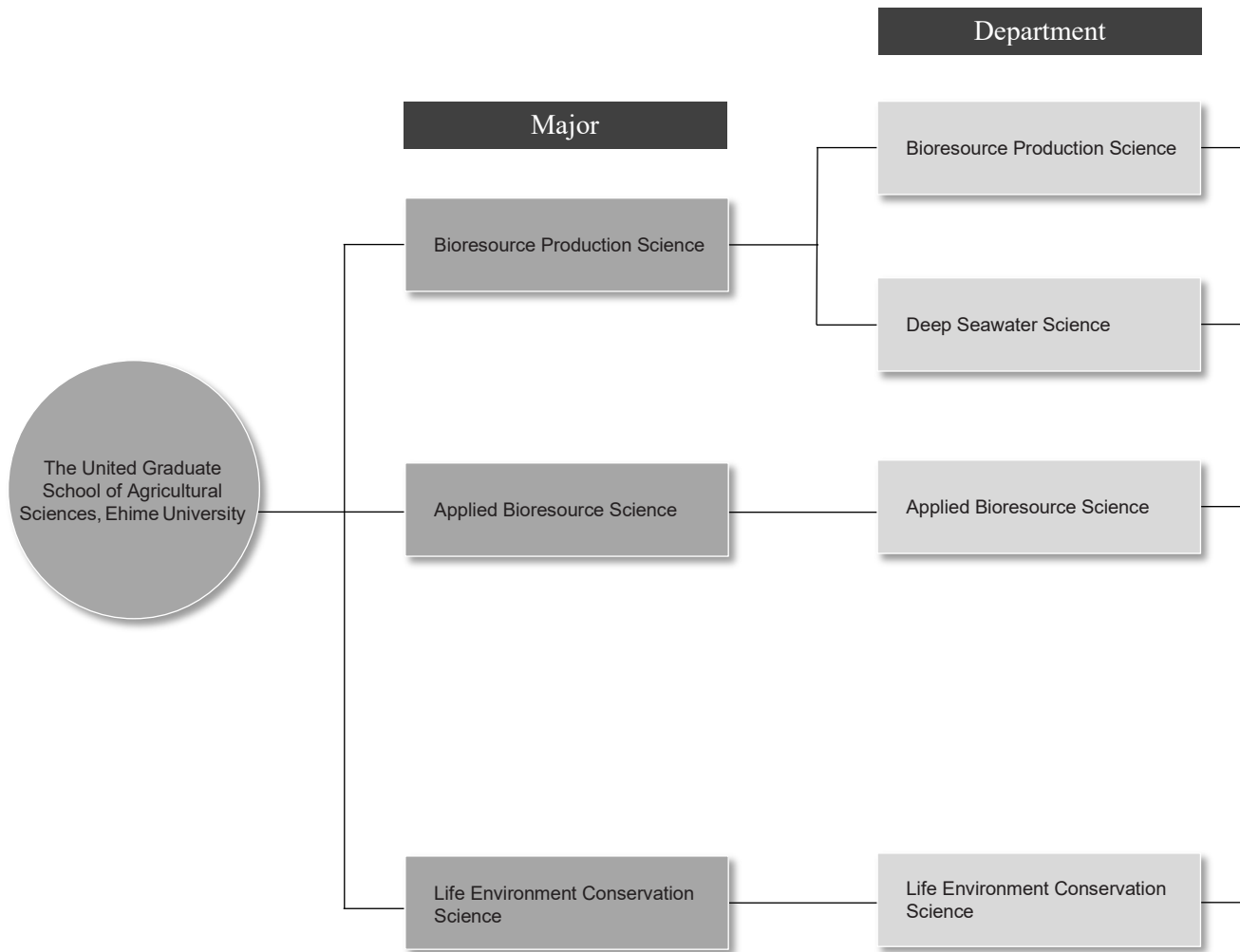
The department offers focused study in two essential fields.

**Land Conservation and Irrigation Engineering:** Combining physical and engineering methods, this field targets the development and optimization of infrastructure for land management, water resource utilization, and facility improvement across forests, agricultural lands, and coastal zones.

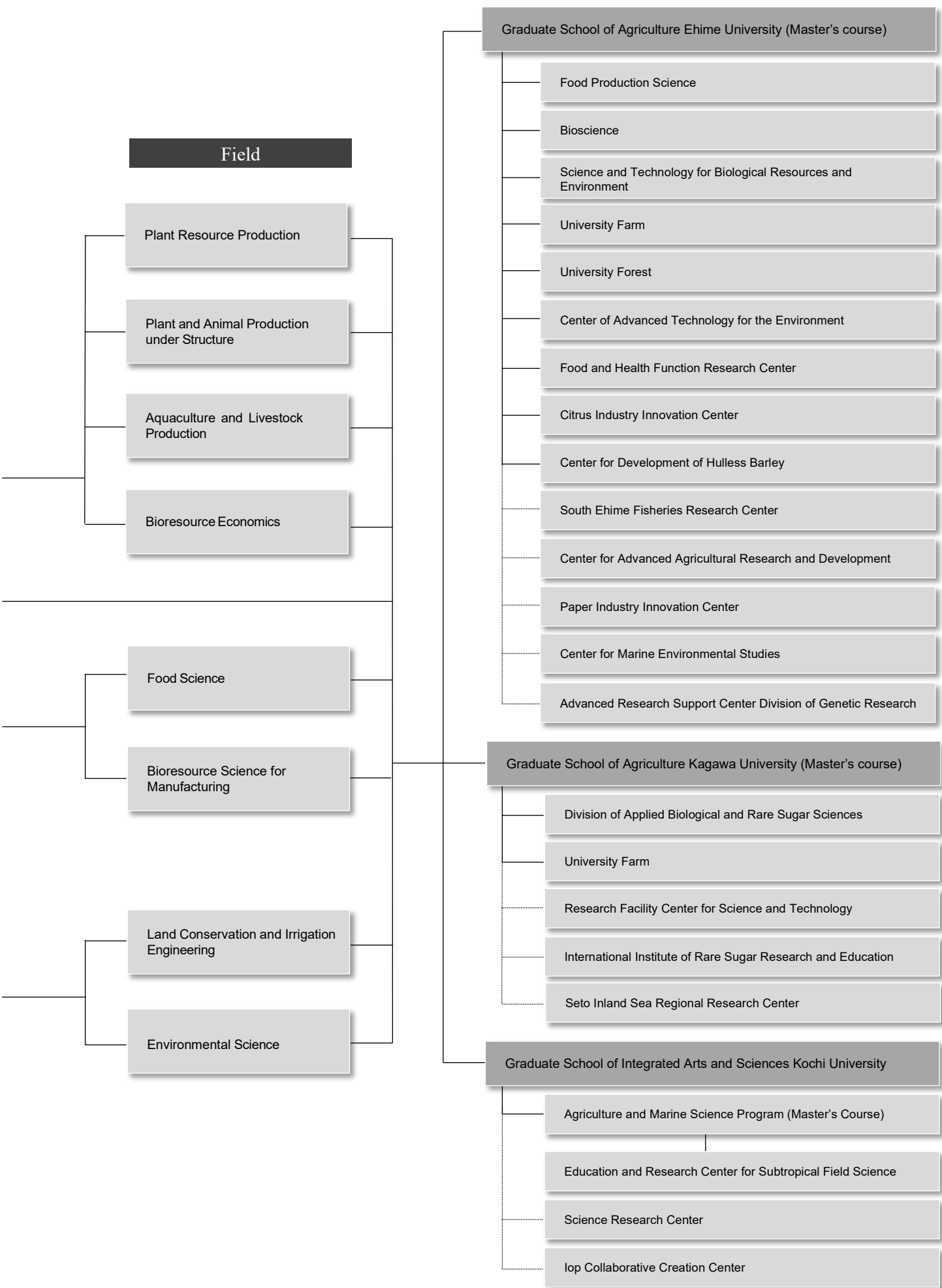
**Environmental Science:** Providing both fundamental and applied perspectives, this field investigates ecosystem structures and functions from soils to oceans, examines human-induced environmental changes, and develops strategies for conservation and sustainable management.

# Organization

UGAS-EU is a collaborative institution jointly established by Ehime University, Kagawa University, and Kochi University, operating on an equal partnership and close academic cooperation. As an independent graduate school, UGAS-EU offers a three-year doctoral program that builds upon the master's programs of its constituent universities. The program is organized into four departments across three specialized majors: Bioresource Production Science, Applied Bioresource Science, and Life Environment Conservation Science.







# Education and Research

## Advisory System

UGAS-EU comprises three majors and four departments, with faculty expertise that extends beyond any single constituent university. Each student is supported by a team of three faculty members (one supervisor and two co-supervisors) who provide intensive and well-rounded educational and research guidance to ensure academic success.

## Instruction

Students select a supervisor based on their research interests from a published list of faculty research areas. Upon enrollment, students are assigned two co-supervisors, carefully selected to match the student's research theme.

Although students are officially registered at Ehime University, the core institution of UGAS-EU, they are based at the university where their supervisor is affiliated and conduct research guidance under their direction. The two co-supervisors, affiliated with the other constituent universities, also provide guidance as needed.

The supervisor leads research activities according to an individualized education and research plan created by each student upon admission, working in close collaboration with the two co-supervisors to ensure a cohesive support system.

To accommodate working professionals, UGAS-EU has offered flexible class schedules, including evening instruction, since April 2001. In April 2004, the 'Long Term Study Plan' was introduced, allowing working students to extend their period of study beyond the standard program duration.

In October 2016, the 'Short Term Study Program for Working Students' was launched, enabling those with exceptional research achievements to complete the doctoral program in as little as two years.

## Education

UGAS-EU aims to equip students with advanced knowledge in agricultural sciences and foster the capacity to conduct independent research after graduating. To this end, the Student Education Program was introduced in April 2006. This program includes multi-faculty research supervision, seminars, and an interim presentation to evaluate dissertation progress. Further enhancements were made in April 2009 with the introduction of a revised curriculum and a course credit system designed to strengthen graduate-level education.

To support academic development, UGAS-EU offers competitive funding opportunities for students presenting at international conferences. UGAS-EU actively promotes international collaboration and welcomes students from around the world, recognizing Japan's important role in global resource management and environmental sustainability. 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, this was expanded with the launch of the Special Doctoral Course in Agricultural Sciences for International Students from Asia, Africa, and the Pacific Rim, allowing graduates of affiliated master's programs at Ehime University, Kagawa University, and Kochi University to transition into UGAS-EU's doctoral program.

Under the Ministry of Education, Culture, Sports, Science and Technology (MEXT) International Priority Graduate Program, UGAS-EU admits six government-sponsored students and up to six privately funded or otherwise supported students annually (until October 2027). Additional recruitment for April admission outside the MEXT quota has been in place since the 2019 academic year.

## Research

With strong academic traditions in supporting the Shikoku region, each of the three partner universities contributes unique expertise to UGAS-EU. Together, they form a comprehensive research hub encompassing a wide array of fields from agricultural production technologies, environmental science, and infrastructure development to the processing, use, and distribution of bioresources. The research scope even extends to addressing challenges related to human living environments, reinforcing UGAS-EU's broad and integrated approach to agricultural science.

## Completion of the Doctoral Program

To earn a doctoral degree at UGAS-EU, students must be enrolled for a minimum of three years, complete at least 12 academic credits, and pass a final examination based on the presentation and evaluation of their doctoral dissertation.

Exceptionally qualified students who demonstrate outstanding research achievements may fulfill the enrollment requirement by combining their doctoral studies with a two-year master's program, allowing for an accelerated path to completion.

Upon successful completion of the program, students are awarded the Doctor of Philosophy (Ph.D.) degree, conferred by Ehime University.

**APPLICATION FOR SPECIAL PROGRAM FOR  
INTERNATIONAL STUDENTS IN TROPICAL AND SUBTROPICAL  
AGRICULTURE AND RELATED SCIENCES  
(THREE-YEAR DOCTORAL PROGRAM, October 2026–September 2029)**

2026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  
(2026年10月-2029年9月 後期3年のみの博士課程)

**Instructions (記入上の注意)**

- The application should be typed if possible, or neatly handwritten in block letters. 明瞭に記入すること。
- Numbers should be in Arabic numerals. 数字は算用数字を用いること。
- Years should be written using the western calendar. 年号はすべて西暦とすること。
- 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 (name, address, etc.) will be used by the UGAS-EU Office strictly 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。

Paste a passport sized photo taken within the past 6 months. Write your name in block letters on the back of the photo.  
(size: 4.5 × 3.5 cm)

**j jpg is acceptable  
(max. size: 3 MB)**

**1. Personal Information**

Name in full in native language 姓名(自国語)			
Surname	Given names		
In Roman block capitals (write your name exactly as it is printed in your passport) ローマ字			
Surname	Given names		
Sex 姓名	Nationality 国籍		
<input type="checkbox"/> Male (男) <input type="checkbox"/> Female (女)			
Date of birth 生年月日	Age (as of October, 2026) 年齢		
Year	Month	Day	

**2. Current position (with the name of the university attended or employer) 現職(在学大学名又は勤務先名まで記入すること。)**

--

**3. Contact Information 連絡先**

Present address 現住所	
Telephone 電話番号	Email address メールアドレス

\*If possible, provide an email 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 Email 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 easily contacted. If there is any change after submitting this application, 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。

**4. 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	<input type="checkbox"/> Ehime (EH)	<input type="checkbox"/> Kagawa (KG)	<input type="checkbox"/> Kochi (KC)
Research field 研究分野			

## 5. 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, and major 学位・資格、専攻科目 If leave of absence taken, the period and reason 休学した場合はその期間・理由
<b>Higher Education</b> 高等教育	Name 学校名	From 入学	years and months 年月	
	Location 所在地	To 卒業		
<b>Undergraduate Level</b> /大学				
<b>Graduate Level</b> /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 there is insufficient space above for the information required, 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。

## 6. 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		

## 7. Japanese language proficiency (evaluate your level and insert an X below where appropriate) 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				

## 8. Foreign language proficiency (evaluate your level and insert an X below where appropriate) 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				

## 9. Have you been awarded a Japanese Government (Monbukagakusho) Scholarship in the past? If yes, 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。

<input type="checkbox"/> Yes ある	Period 期間:	University 大学:
<input type="checkbox"/> No ない		

10. 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 required for accompanying dependents must be borne by the international student. However, be aware that finding family accommodation is quite difficult, and rental costs are significantly high. Therefore, international students should first come to Japan alone and have their family members come after securing suitable accommodation.

(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、家族用の宿舍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、適当な宿舍をみつけた後、家族を呼び寄せること。

Name 氏名	Relationship 続柄	Age 年齢

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

Name 名前	
Present address 現住所	
Telephone 電話番号	Email address メールアドレス
Occupation 職業	Relationship 本人との関係

12. Record of travel to Japan 日本への渡航記録

Departure date 出発日	Arrival date 到着日	Purpose 渡航目的

Date of application (yyyy/mm/dd) 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 Research Plan

専攻分野及び研究計画

Full name in native language

姓名(自国語)

Surname

Given names

Nationality

国籍

Research plan in Japan: This research plan serves as an important reference for the selection process. On the front side, provide an overview of your major field of study, and on the reverse side, include specific details of your research plan. The plan should be typed, and additional sheets 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. Research plan in Japan in detail

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

Name 氏名

### Books・Master's thesis 著書・修士論文

Title 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	
Your contribution 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)

Title 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	
Your contribution 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)

Title 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	
Your contribution 担当	

- \*1. For a co-authored publication, list the names of all co-authors in the order as published, and underline your own name
- \*2. In the "Your contribution" space, 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 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 (yyyy/mm/dd) \_\_\_\_\_

Recommender

Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Title and Institution \_\_\_\_\_

Address \_\_\_\_\_

## **Record of Contact with the Prospective Supervisor**

Name of Prospective Supervisor \_\_\_\_\_

Department \_\_\_\_\_

Applicant's name \_\_\_\_\_

Choosing a supervisor is a very important factor in ensuring 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.

# CHECKLIST

Refer to the checklist below before submitting your documents.

		Requirement	✓	Notes
<b>a</b>	Application for Special Program for International Students in Tropical and Subtropical Agriculture and Related Sciences (Three-Year Doctoral Course, October 2026–September 2029).	1 original	<input type="checkbox"/>	Download form from UGAS-EU website
<b>b</b>	Field of Study and Research Plan	1 copy	<input type="checkbox"/>	Download form from UGAS-EU website
<b>c</b>	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	1 original	<input type="checkbox"/>	If the document is written in a language other than Japanese or English, submit a translation in English
<b>d</b>	Official transcripts of the applicant's academic records for the master's program	1 original	<input type="checkbox"/>	If the documents are written in a language other than Japanese or English, submit a translation in English
<b>e</b>	Certificate of citizenship issued by a government authority or a copy of the applicant's passport	1 original or 1 copy	<input type="checkbox"/>	
<b>f</b>	Passport-sized photographs (4.5 × 3.5 cm) (head and shoulders, facing forward, without headwear except for religious or medical reasons, on a white or light-colored background) taken within the past six months with the applicant's name and nationality written on the back of each photograph	4 photos or a jpg	<input type="checkbox"/>	Attach one photograph to the application form, and enclose the other three in an envelope A single jpg file may be submitted (max. size: 3 MB) but do not change the aspect ratio
<b>g</b>	List of Publications (master's thesis, books, and academic papers)	1 copy	<input type="checkbox"/>	Download form from UGAS-EU website
<b>h</b>	One copy of the master's thesis or equivalent. Applicants who have not yet received a master's degree should submit a report (in English) of their current research project	1 copy	<input type="checkbox"/>	Submit an abstract (2–3 A4 pages) in English if the thesis is not in English
<b>i</b>	Copies of main academic papers and books listed in <b>g</b> List of Publications, except the master's thesis	1 copy each	<input type="checkbox"/>	Submit a summary in English (2–3 A4 pages) if the papers or books are not in English
<b>j*</b>	One copy of the official results of a TOEFL, TOEIC, IELTS, Duolingo English Test, or other internationally recognized English language proficiency test that the applicant has achieved in the past two years	1 copy	<input type="checkbox"/>	
<b>k</b>	A letter of recommendation written by the head of the applicant's current institution addressed to the President of Ehime University	1 original	<input type="checkbox"/>	Download form from UGAS-EU website
<b>l*</b>	Record of contact with the prospective supervisor detailing any interactions, discussions, or meetings between the applicant and the prospective supervisor, including the results of the interview	1 copy	<input type="checkbox"/>	Download form from UGAS-EU website
<b>m</b>	Application fee: 30,000 yen Note: The following applicants are not required to pay the application fee: 1. Those who are scheduled to complete the master's program at Ehime, Kagawa, or Kochi University in September 2026 2. International students receiving a Japanese government (MEXT) scholarship 3. 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 4. Those who have applied for a Japanese government (MEXT) scholarship Those who are applying for admission to UGAS-EU through the pre-arrival admission system		<input type="checkbox"/>	Request an application fee payment slip from the UGAS-EU Office (rendai@stu.ehime-u.ac.jp)
<b>n</b>	Checklist. Applicants should check the many requirements for application documents using the checklist. Carefully review the	1 copy	<input type="checkbox"/>	Download form from UGAS-EU website

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

## Notes

- Do not staple any of the application documents.
- Documents a, b, g, k, j, n should be typed or neatly handwritten in English or Japanese using the forms provided. They should be prepared on A4 paper (29.5 × 21 cm). Download and use the forms from the UGAS-EU website.  
<http://rendai.agr.ehime-u.ac.jp/english/annai/>
- If any document for submission is written in a language other than Japanese or English, an 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 the UGAS-EU Office after the deadline will not be accepted.
- The submitted documents will not 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, contact the UGAS-EU Office. However, 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 Application m 1–4 mistakenly pays the application fee
  - (5) If the applicant has been granted an extension to a Japanese government scholarship