

# Special Course for Sustainable Agriculture (Doctoral Course) 2022

Graduate School of Agricultural and Life Sciences  
The University of Tokyo

This is an official announcement of the **Special Course for Sustainable Agriculture-2022** offered to international students wishing to pursue doctoral course at the Graduate School of Agricultural and Life Sciences (hereafter GSALS), the University of Tokyo. Details of the course are as follows:

## 1. Field of Study, and Annual Intake

### (1) Field of Study

Study area of this course includes all agriculture related topics such as Agricultural and Environmental Biology, Applied Biological Chemistry, Biotechnology, Forest Science, Aquatic Bioscience, Agricultural and Resource Economics, Biological and Environmental Engineering, Biomaterial Sciences, Global Agriculture Sciences, Ecosystem Studies, Animal Resource Sciences, and Veterinary Medical Sciences. The enrolled students will obtain specialized education for doctoral thesis. An important objective of this course is the development of future international cooperation in the above areas.

### (2) Approximate number of students to be admitted 4

## 2. Qualifications

- (1) Nationality: To apply for this course, applicants must be of non-Japanese nationality.
- (2) Academic Background: Must have (or expected to obtain by September 30, 2022) a Master's degree or academic qualification equivalent to a Master's degree. To enroll in the Department of Veterinary Medical Sciences, applicant must have completed undergraduate course in Veterinary Medical Sciences and have a bachelor's degree, or must have academic qualification equivalent to that course.
- (3) Language Proficiency: Must be reasonably fluent in English.
- (4) All starting students must arrive in Tokyo by September 30, 2022. Failure to do so may result in cancellation of the admission offer.

### Remarks:

- a) Application may be made if you anticipate graduating a Master's course (or undergraduate course of Veterinary Medical Sciences), or its equivalent by September 30, 2022 as shown in Section 2 (2). However, enrollment will be canceled if the applicant fails to graduate the required course by this date.
- b) Military employees, whether soldiers or civilians, are ineligible to apply.

## 3. Admission related expenses for Private Students

- |                            |             |
|----------------------------|-------------|
| (1) Application fee        | 10,000 Yen  |
| (2) Admission fee          | 282,000 Yen |
| (3) Tuition fee (per year) | 520,800 Yen |

The above mentioned is the present fees, which may be revised in the future. If fees are revised at the time of admission or during the tenure of the enrolled course, a new fee amount will be applicable.

## 4. Financial Support and Student Services

- (1) The University offers a tuition waiver program for students who meet certain criteria. Students can apply to this program after the enrollment.
- (2) For all other students, it is their own responsibility to secure funds for fees and tuition. While students, after enrollment, are eligible to apply for internal and external scholarships, the School does not guarantee that all students are financially assisted.
- (3) Student services, including housing information service and limited health services, are provided to all students.

## **5. Selection Procedures and Notification of Selection**

Based on the evaluation of the documents submitted by the applicants, GSALS will select, and inform the result to the selected candidates by the end of April 2022. These students will be enrolled in the University of Tokyo as “Doctoral Course students” in October 2022.

## **6 . Characteristic Features of the Special Course**

- (1) Supervision and guidance will be in English. However, students are advised to gradually learn the Japanese language during their stay in Japan so as to become familiar with technical Japanese required for his/ her area of research.
- (2) After being approved by the supervising professor, research results of the student compiled in the form of a dissertation will be submitted to the GSALS as a requirement for Doctoral Course completion. On qualifying the necessary evaluation procedure of the GSALS, the degree of Doctor of Philosophy will be awarded by the University of Tokyo.

## 7. Application Procedure

The following documents must be arrived by registered airmail to the supervisor in GSALS on or before January 28, 2022.

- (1) Application Form (Form 1) \*Please print back to back. ([word](#))
- (2) Field of Study and Research Plan (Form 2) \*Please print back to back. ([word](#))
- (3) Letter of Acceptance (Form 3) from the supervisor in GSALS, the University of Tokyo. ([word](#))
- (4) Certificates of university degree/diploma of Bachelor and Master, or certificate which guarantees successful completion of Master's course before September 30, 2022 (or the undergraduate course for Veterinary Medical Sciences).  
Copy of university degree/diploma certificates of Bachelor and Master must be certified as true copies by the university.
- (5) Certified academic records/transcript of all applicable undergraduate and graduate course work clearly indicating the GPA grades (or percentage of marks) obtained for the respective courses.
- (6) Summary of the Master's thesis (or equivalent research papers). If Master's thesis is not a requirement of the university attended, this should be specifically indicated in the Enrollment Application Form (Form 1), and equivalent research papers must be submitted.
- (7) TOEFL Score Report or IELTS Test Report Form. Those unable to submit these certificates, should submit supporting document or a certificate from the affiliated university certifying the applicant's English language ability. Applicants whose mother tongue is English need not submit this document.
- (8) Photocopy of passport
- (9) Letter of recommendation by the President or Dean of the applicant's institution, or, head of the applicant's employer. It should be addressed to the Dean, GSALS, The University of Tokyo. In addition to this, letters from the applicant's closest advisor/teachers may also be submitted.
- (10) Photographs (4.5cm×3.5cm) taken within 6 months prior to the deadline, with name and nationality written on the reverse side - 2 copies. One of the copies should be posted in the designated part on the Application Form (Form 1).
- (11) Applicants from countries which need government permission/agreement to study abroad must send the consent of home government with the application form.

The postal address is as follows:

Graduate School of Agricultural and Life Sciences, The University of Tokyo  
1-1-1 Yayoi, Bunkyo-ku, Tokyo 113-8657 JAPAN

\* Please write the name of your supervisor in GSALS on the envelope.

\* Some professors use different address, so please ask your prospective supervisor about their postal address before you send the documents.

## Remarks

- a) Supervising professors have to submit the proposed research plan after the applicant is selected. Hence applicants must maintain close contact with the research supervisor at GSALS, meet the supervisor if possible and formulate the required research proposal in advance after thorough consideration.
- b) All application related documents should be typed in Japanese or English on A4-size paper.
- c) Of the above mentioned documents to be submitted, items (1), (2) and (3) must be in the format prescribed by the University of Tokyo.
- d) No application will be accepted unless all the above required documents are enclosed. Incomplete applications, and applications received after the deadline will not be considered.
- e) Submitted documents will be retained by the University of Tokyo for record, and will not be returned to the applicant.
- f) Personal information may be used for i) academic affairs (school register, guidance, etc), ii) student support (health care, career support, tuition fee exemption, scholarships, accommodation applications, and library use), iii) tuition management.

## 8. Important

- (1) International Students are advised to be informed about Japan's weather, customs, climate, University education and setting in general before coming to Japan. Although research related instructions will be provided in English, Japanese language ability is necessary for daily life. Hence it is advisable to learn the Japanese language.
- (2) If any of his/her application documents are later found to have false information, the enrollment of the student will be cancelled even though he/she has joined the university.
- (3) The University of Tokyo has established the "The University of Tokyo Security Export Control Regulations" in accordance with Japan's "Foreign Exchange and Foreign Trade Act" and rigorously screens potential international students on the basis of these regulations. Please be aware that international applicants who fall under any of the conditions set out in said regulations may not receive permission to enroll at the university or may have their research activities restricted.

Details can be obtained from the website:

Office of Export Control

<https://www.u-tokyo.ac.jp/adm/export-control/ja/index.html> (Japanese Only)

## 9. Information

Email and other enquiries related to this application

International Student Section, Graduate School of Agricultural and Life Sciences

TEL: +81-3-5841-5485, FAX: +81-3-5841-5339

E-mail: ryugaku.a@gs.mail.u-tokyo.ac.jp

# **Special Course for Sustainable Agriculture (Doctoral Course) 2022**

**Graduate School of Agricultural and Life Sciences**

**The University of Tokyo**

**- Procedures for Admission and Study -**

## **1. Departments**

The Graduate School of Agricultural and Life Sciences (GSALS) presently consists of the following twelve departments:

Agricultural and Environmental Biology, Applied Biological Chemistry, Biotechnology, Forest Science, Aquatic Bioscience, Agricultural and Resource Economics, Biological and Environmental Engineering, Biomaterial Sciences, Global Agricultural Sciences, Ecosystem Studies, Animal Resource Sciences, and Veterinary Medical Sciences.

Applicants must choose one of the above departments, and indicate the name of the department and the research supervisor on the application form.

Care should be taken, as the registered department cannot be altered in principle after enrollment. Thus the applicant is required to contact an appropriate advisor and carefully evaluate the suitability of the department selected.

## **2. Field of Study**

Graduate students are required to select a research field from those provided within the department they select. Fields of study and names of the professors available under this program are listed in Attachment 1. The field of study must be entered on the application form. However, research proposal may be changed after discussing the research topic with the supervisor during the initial period following selection.

To minimize any potential difficulties, applicants are strongly encouraged to collaborate with their prospective supervisor/advisor in their field of study or other appropriate persons associated with the GSALS.

## **3. Advisor**

Applicants must find an advisor from Attachment 1 whose research area corresponds with the course selected, and indicate this name on the Application form.

## **4. Requirements for the Degree of Doctor of Philosophy**

All work for the doctorate degree must be completed within a maximum period of three years (four years for the Department of Veterinary Medical Sciences- DVMS).

Each graduate student must perform research in a specified subject related to the selected field, under the supervision of an approved advisor, and also take a minimum of twenty (20) credits (32 for DVMS) according to the selected course curriculum and its regulations. When a graduate student's research results are in the form of a dissertation, he/she will be allowed to submit it to the GSALS as a Doctoral thesis. If the GSALS certifies the qualification of the thesis, the degree of Doctor of Philosophy will be awarded by the University of Tokyo.

## **5. Language**

Primarily English, but also use Japanese.

In this course, lectures as well as class instruction/exercise, and laboratory work will be carried out in English. It is also possible to complete the enrollment formalities in English. Dissertation and presentation in English will be accepted. However, all graduate students are strongly encouraged to develop basic skills in Japanese which will help their research activities as well as ensure an enjoyable daily life in Japan.

LIST OF FIELDS OF STUDY AND SUPERVISING PROFESSORS  
FOR FOREIGN STUDENT SPECIAL PROGRAM  
ACADEMIC YEAR 2022

Special Course for Sustainable Agriculture (Doctoral Course),  
Graduate School of Agricultural and Life Sciences  
The University of Tokyo

(As of January 1, 2022)

Agricultural and Environmental Biology

Prof.	Takeshi IZAWA; Plant Breeding and Genetics
//	Keisuke NEMOTO; Agronomy
//	Nobuhiro TSUTSUMI; Plant Molecular Genetics
//	Yasuyuki YAMAJI; Plant Pathology, Clinical Plant Science
//	Susumu KATSUMA; Insect Genetics and Pathology
//	Masami SHIMODA; Applied Entomology
//	Saneyuki KAWABATA; Field Production Science
Assoc. Prof.	Jun-ichi ITO; Plant Breeding and Genetics
//	Naohiro AOKI; Crop Science
//	Takashi MATSUO; Applied Entomology
//	Masaru FUJIMOTO; Agronomy
//	Shin-ichi ARIMURA; Plant Molecular Genetics
//	Hiroyoshi IWATA; Biometry and Bioinformatics
//	Yohei HIGUCHI; Horticultural Science
//	Takashi KIUCHI; Insect Genetics and Pathology
//	Kensaku MAEJIMA; Plant Pathology
//	Chikako HONDA; Field Production Science
//	Wataru YAMORI; Field Production Science
//	Yoshihiro OMORI; Field Production Science
//	Akihiko KAMOSHITA; Asian Biological Resources
//	Daisuke TSUGAMA; Asian Biological Resources
Project Assoc. Prof.	Wei GUO; Field Production Science

Applied Biological Chemistry

Prof.	Hirosato TAKIKAWA; Organic Chemistry
//	Tadao ASAMI; Chemical Biology
//	Toru FUJIWARA; Plant Nutrition and Fertilizers
//	Satoshi KIDA; Nutrition Chemistry
//	Koji UCHIDA; Food Chemistry
//	Koji NAGATA; Food Biotechnology and Structural Biology
//	Keitaro TANOI; Radio-Plant Physiology
//	Shin-Ichiro TAKAHASHI; Animal Cell Regulation
Project Prof.	Hisanori KATO; Health Nutrition

Assoc. Prof. Junya MIZOI; Plant Molecular Biology  
 // Takumi MISAKA; Biological Function and Developmental Chemistry  
 // Sota FUJII; Bioorganic Chemistry  
 // Yusuke OGURA; Organic Chemistry  
 // Masatoshi NAKAJIMA; Chemical Biology  
 // Takehiro KAMIYA; Plant Nutrition and Fertilizers  
 // Shigeto OTSUKA; Soil Science  
 // Hiroyuki TACHIKAWA; Biological Chemistry  
 // Michio SUZUKI; Analytical Chemistry  
 // Yoshio YAMAUCHI; Food Biochemistry  
 // Suguru OKUDA; Food Biotechnology and Structural Biology  
 // Natsuko KOBAYASHI; Radioplant Physiology  
 // Satoshi HACHIMURA; Immunoregulation for Food Safety

Project Assoc. Prof. Shoko KOBAYASHI; Food Functionality Science  
 // Makoto SHIMIZU; Nutri-Life Science

### Biotechnology

Prof. Kentaro SHIMIZU; Bioinformatics and Computational Biophysics  
 // Tomohisa KUZUYAMA; Synthetic Biology  
 // Yasuo OHNISHI; Fermentation and Microbiology  
 // Shinya FUSHINOBU; Enzymology  
 // Minoru YOSHIDA; Microbiology  
 // Masaharu ISHII; Applied Microbiology  
 // Hideaki NOJIRI; Environmental Biochemistry  
 // Makoto NISHIYAMA; Cell Biotechnology  
 // Shuichi YANAGISAWA; Plant Biotechnology

Project Prof. Hisashi KAWASAKI; Microbial Membrane Transport Engineering

Assoc. Prof. Tohru TERADA; Bioinformatics and Computational Biophysics  
 // Hiroyuki ADACHI; Molecular Biotechnology  
 // Yohei KATSUYAMA; Fermentation and Microbiology  
 // Manabu ARIOKA; Microbiology  
 // Ryouichi FUKUDA; Cellular Genetics  
 // Hiroyuki ARAI; Applied Microbiology  
 // Kazunori OKADA; Environmental Biochemistry  
 // Saori KOSONO; Cell Biotechnology

Project Assoc. Prof. Jun-ichi MARUYAMA; Brewing Microbiology  
 // Yoichi NODA; Yeast and Fermentation  
 // Hirofumi HARA; Microbial Ecotechnology

Lecturer Shinichi NISHIMURA; Microbiology



Project Lecturer      Shunpei ASAMIZU; Microbial Enzyme Potential (Amano Enzyme)

Forest Science

Prof.	Takeshi TANGE; Silviculture
//	Hikomichi FURUIDO; Forest Policy and Economics
//	Tomoomi KUMAGAI; Forest Biogeosciences, Forest Hydrology
//	Kenji FUKUDA; Forest Botany and Forest Health
//	Kohei KUBOTA; Forest Entomology and Zoology
//	Naoto KAMATA; Forest Insect Ecology
//	Toshihiro YAMADA; Forest Botany and Forest Health
//	Koichiro KURAJI; Forest and Water Resources Management
//	Katsumi KOJIMA; Tree Physiology, Tropical Silviculture
//	Chunlan LIAN; Forest Symbiology
Assoc. Prof.	Satoshi TATSUHARA; Forest Management and Mensuration
//	Shigemitsu SHIBASAKI; Forest Policy and Economics
//	Norifumi HOTTA; Forest Biogeosciences
//	Takuyuki YOSHIOKA; Forest Utilization
//	Norihisa MATSUSHITA; Forest Botany and Forest Health
//	Kiyotatsu YAMAMOTO; Forest Landscape Planning and Design
//	Susumu GOTO; Forest Genetics , Tree Improvement, Molecular Ecology
//	Shigehiro KAMODA; Forest Chemistry
//	Naoki YASUMURA; Forest and Human Society Relationships
//	Toshiaki OWARI; Forest and Water Resources Management
//	Mariko NORISADA; Tree Environmental Physiology
//	Shoji HASHIMOTO; Forest Radioecology, Forest Biogeosciences
Lecturer	Masaya MASUMORI; Silviculture
//	Toshihide HIRAO; Forest Ecology and Biodiversity Conservation
//	Dai KUSUMOTO; Forest Pathology
//	Haruo SAITO; Forest and Human Society Relationships
//	Yuko ASANO; Forest and Water Resources Management
//	Dai FUKUI; Forest Ecology and Mammalogy
//	Nobuaki TANAKA; Forest and Water Resources Management

Aquatic Bioscience

Prof.	Akinori TAKASUKA; Fisheries Biology
//	Kazutaka TAKAHASHI; Biological Oceanography
//	Hideki USHIO; Marine Biochemistry
//	Michiaki YAMASHITA; Marine Biochemistry
//	Shuichi ASAKAWA; Aquatic Molecular Biology and Biotechnology
//	Hitoshi OKAMOTO; Aquatic Molecular Biology and Biotechnology
//	Kiyoshi KIKUCHI; Applied Marine Biology
//	Atsushi TSUDA; Marine Planktology
//	Hiroaki SAITO; Biological Oceanography and Marine Biogeochemistry

- // Tomohiko KAWAMURA; Fisheries Biology  
 // Shinichi ITO; Fisheries Environmental Oceanography  
 // Koji HAMASAKI; Marine Microbiology  
 // Katsufumi SATO; Behavior, Ecology, and Observation Systems  
 // Koji INOUE; Molecular Marine Biology  
 // Hajime OBATA; Marine Inorganic Chemistry  
 // Shingo KIMURA; Fisheries Environmental Oceanography  
 // Susumu HYODO; Fish Physiology  
 // Mitsutaku MAKINO; Fisheries and Marine Policy
- Assoc. Prof. Takashi YAMAKAWA; Fisheries Biology  
 // Naoki ITO; Fish and Shellfish Diseases  
 // Kataaki OKUBO; Fish Reproductive Biology  
 // Soichi WATANABE; Marine Biochemistry  
 // Shigeru OKADA; Aquatic Natural Products Chemistry  
 // Shigeharu KINOSHITA; Aquatic Molecular Biology and Biotechnology  
 // Mitsunori IWATAKI; Coastal Marine Environment  
 // Yuichiro NISHIBE; Marine Planktology  
 // Takashi KITAGAWA; Fisheries Biology  
 // Yoko IWATA; Fisheries Biology  
 // Kosei KOMATSU; Fisheries Environmental Oceanography  
 // Sachihiko ITO; Fisheries Oceanography  
 // Takuhei SHIOZAKI; Marine Microbiology  
 // Kentaro SAKAMOTO; Behavior, Ecology, and Observation Systems

#### Agricultural and Resource Economics

- Prof. Akira KIMINAMI; Farm Business Management  
 // Mitsuyoshi ANDO; Agricultural Structure and Policy  
 // Takenori MATSUMOTO; Agricultural History  
 // Katsuhiro SAITO; Agricultural and Development Economics  
 // Yasuhiro NAKASHIMA; Food and Resource Economics  
 // Takeshi SAKURAI; Rural Development Finance
- Assoc. Prof. Hironori YAGI; Farm Business Management  
 // Daizo KOJIMA; Agricultural Structure and Policy  
 // Tomoaki NAKATANI; Food and Resource Economics  
 // Takao YURUGI; Rural Development Finance

#### Biological and Environmental Engineering

- Prof. Shuichiro YOSHIDA; Land Environmental Engineering  
 // Kyoji TAKAKI; Water Environmental Engineering  
 // Taku NISHIMURA; Soil Physics and Soil Hydrology  
 // Kazuhiro FUJIWARA; Bio-environmental Engineering  
 // Kenji IMOU; Biological and Mechanical Engineering

// Kunihiko YOSHINO; Biological and Environmental Information Engineering  
// Noriko YAMAGUCHI; Ecological Safety Studies, Soil Chemistry  
// Rota WAGAI; Ecological Safety Studies, Carbon and Nutrient Cycles  
// Takehiko YAMANAKA; Ecological Safety Studies, Ecosystem Informatics  
// Saneyuki KAWABATA; Sustainable Agro-ecosystem Engineering (Cooperative course)

Assoc. Prof. Shoichiro HAMAMOTO; Soil Physics and Geoenvironmental Engineering  
// Ryo MATSUDA; Bio-environmental Engineering  
// Yutaka KAIZU; Biological and Mechanical Engineering  
// Itaru SOTOME; Bioprocess Engineering  
// Fumiki HOSOI; Biological and Environmental Information Engineering  
// Keisuke ONO; Ecological Safety Studies, Agrometeorology  
// Wataru YAMORI; Sustainable Agro-ecosystem Engineering (Cooperative course)

#### Biomaterial Sciences

Prof. Yuko TSUNETSUGU; Wood Physics, Wooden Living Environment  
// Masahiro INAYAMA; Timber Engineering and Construction  
// Kiyohiko IGARASHI; Forest Chemistry, Biomass Biotechnology  
// Tomoya YOKOYAMA; Wood, Pulping and Bleaching Chemistry  
// Tadahisa IWATA; Bio-based and Biodegradable Plastics  
// Akio TAKEMURA; Adhesion Science and Bio-composites  
// Masafumi INOUE; Wood-Physics and Materials for Timber Structures

University Prof. Akira ISOGAI; Cellulose Chemistry

Assoc. Prof. Kenji AOKI; Wood-based Materials and Timber Engineering  
// Tsuguyuki SAITO; Bio-based Nanomaterial Science  
// Yukiko ENOMOTO; Bio-based and Biodegradable Plastics  
// Tetsuo YAMAGUCHI; Adhesion and Soft-materials Sciences

#### Global Agricultural Sciences

Prof. Nobuyuki YAGI; Global Fisheries Science  
// Yoichiro KATO; Plant Science for Sustainable Agriculture  
// Yukie SAITO; Global Plant Material Science  
// Hideki ENDO; Global Animal Resource Science  
// Marcy N. WILDER; Global Fisheries Science

Assoc. Prof. Yutaro SAKAI; Global Fisheries Science  
// Yasunobu MATSUMOTO; Veterinary Immunology and Vaccinology  
// Kae MIYAZAWA; Plant Science for Sustainable Agriculture  
// Takuya HIROSHIMA; Global Forest Environmental Studies  
// Hiromi NAKANISHI; Plant Biotechnology  
// Mitsuo YAMAMOTO; Agricultural Development Studies  
// Kentaro KAWASAKI; International Environmental Economics

// Tetsuya ARAKI; International Agro-Informatics  
// Matthias WISSUWA; Plant Science for Sustainable Agriculture  
// Satoshi KUBO; Global Plant Material Science  
// Tamotsu SATO; Global Forest Environmental Studies

### Ecosystem Studies

Prof. Toshiya OKURO; Landscape Ecology and Planning  
// Naoto KAMATA; Insect Population Ecology  
// Toshihiro YAMADA; Forest Pathology  
// Koichiro KURAJI; Forest and Water Resources Management  
// Tadashi MIYASHITA; Biodiversity Science  
// Kiyoshi KIKUCHI; General Fisheries, Aquatic Bioproduction Science  
// Tsutom HIURA; Forest Ecosystem Studies  
// Jun NISHIHIRO; Bioresources and Eco-Environmental Studies (Conservation Ecology)  
// Takuya SAITO; Bioresources and Eco-Environmental Studies (Forest Ecosystem Studies)

Assoc. Prof. Shizuka HASHIMOTO; Landscape Ecology and Planning  
// Gaku TAKIMOTO; Biodiversity Science  
// Chikako HONDA; Agricultural Field Ecology  
// Susumu GOTO; Forest Genetics; Tree Improvement  
// Shigehiro KAMODA; Forest Chemistry  
// Naoki YASUMURA; Forest and Human Society Relationship  
// Toshiaki OWARI; Forest and Water Resources Management  
// Keita FUKASAWA; Biodiversity Science  
// Takehito YOSHIDA; Landscape Ecology and Planning  
// Yoko SAITO; Forest Ecosystem Studies  
// Shin-ichiro MATSUZAKI; Bioresources and Eco-Environmental Studies (Aquatic Conservation)

Lecturer Toshihide HIRAO; Forest Ecology and Biodiversity Conservation  
// Dai KUSUMOTO; Forest Pathology  
// Haruo SAITO; Forest and Human Society Relationship  
// Yuko ASANO; Forest and Water Resources Management  
// Dai FUKUI; Forest Ecology and Mammalogy  
// Nobuaki TANAKA; Forest and Water Resources Management

### Animal Resource Sciences

Prof. Yoshiakira KANAI; Veterinary Anatomy  
// Shin-Ichiro TAKAHASHI; Cell Regulation  
// Satoshi TANAKA; Cellular Biochemistry and Developmental Biology  
// Masatoshi HORI; Veterinary Pharmacology  
// Masayoshi KUWAHARA; Comparative Pathophysiology  
// Takeshi HAGA; Infection Control and Disease Prevention

Assoc. Prof. Yasuyuki GOTO; Immunology and Parasitology  
 // Koji SUGIURA; Applied Genetics  
 // Naoyuki KATAOKA; RNA Biology  
 // Takahisa MURATA; Animal Radiology  
 // Fuko MATSUDA; Veterinary Theriogenology  
 // Keitaro YAMANOUCI; Animal Physiology  
 // Shigeru KAKUTA; Biomedical Science  
 // Junyou LI; Animal Nutrition, Animal Reproduction  
 // Shinichi SEKIZAWA; Comparative Pathophysiology  
 // Shin MURAKAMI; Veterinary Microbiology  
 // Takashi MATSUWAKI; Neuroendocrinology

Project Assoc. Prof. Koichi ITO; Neuroscience

### Veterinary Medical Sciences

Prof. Yoshiakira KANAI; Veterinary Anatomy  
 // Masatoshi HORI; Veterinary Pharmacology  
 // Taisuke HORIMOTO; Veterinary Microbiology  
 // Masayoshi KUWAHARA; Comparative Pathophysiology  
 // Ryohei NISHIMURA; Veterinary Surgery  
 // Kunihiko NAITO; Applied Genetics  
 // Satoshi TANAKA; Cellular Biochemistry  
 // Yukari TAKEUCHI; Veterinary Ethology  
 // Manabu MOCHIZUKI; Veterinary Orthopedics  
 // Kazuhiro HIRAYAMA; Veterinary Public Health  
 // Takeshi HAGA; Infection Control and Disease Prevention  
 // Yasushi KAWAGUCHI; Molecular Virology  
 // Yuki OKADA; Experimental Pathology

Assoc. Prof. Fuko MATSUDA; Veterinary Theriogenology  
 // Keitaro YAMANOUCI; Veterinary Physiology  
 // Shin MURAKAMI; Veterinary Microbiology  
 // Kozue MIURA; Veterinary Public Health  
 // Shinichi SEKIZAWA; Comparative Pathophysiology  
 // Kazuyuki UCHIDA; Veterinary Pathology  
 // Takayuki NAKAGAWA; Veterinary Surgery  
 // Shigeru KAKUTA; Biomedical Science  
 // Tomohiro YONEZAWA; Veterinary Clinical Pathobiology  
 // Yasuyuki GOTO; Molecular Immunology  
 // Koji SUGIURA; Applied Genetics  
 // Yasunobu MATSUMOTO; Veterinary Immunology and Vaccinology  
 // Takahisa MURATA; Animal Radiology  
 // Junyou LI ; Domestic Animal Reproduction and Nutrition  
 // Yasushi KIYOKAWA; Veterinary Ethology  
 // Takashi MATSUWAKI; Veterinary Physiology

Project Prof. Misako YONEDA; Virological Medicine

// Chieko KAI; Infection Control and Disease Prevention  
// Takashi YOKOYAMA; Comparative Pathophysiology

Project Assoc. Prof. Koichi ITO; Neuroscience

## <参考和訳>

### 2022年度東京大学大学院農学生命科学研究科（博士課程）

#### 「環境調和農学特別コース」募集要項

2022年度東京大学大学院農学生命科学研究科（博士課程）「環境調和農学特別コース」に入学を希望する外国人留学生を下記により募集する。

#### 1. 募集分野及び募集人数

##### (1) 募集分野

本コースには、生産・環境生物学、応用生命化学、応用生命工学、森林科学、水圏生物学、農業・資源経済学、生物・環境工学、生物材料科学、農学国際、生圏システム学、応用動物科学、獣医学の農学生命科学関連分野すべてが含まれる。入学者は、各専攻における博士課程の専門教育を受ける。本コースを通じて、農学生命科学分野に関連する将来的な国際協力関係を構築することが期待されている。

##### (2) 募集人数 4名程度

#### 2. 申請資格

(1) 国籍 日本国籍を有しない者

(2) 学歴 2022年9月30日現在、修士号またはそれに相当する学位を有すること。獣医学専攻博士後期課程については、獣医学部を卒業し、学士の学位またはそれに相当する学位を授与されていること。

(3) 言語力 十分な英語能力を持つ者。

(4) 渡日時期 2022年9月末までに渡日できること。指定の期日までに渡日できない者は入学許可を取り消すことがある。

##### 注意事項

a) 出願時に学位取得予定の者が入学許可を受けた場合、2022年9月30日までに必要な学位を取得していない場合は入学許可を取り消す。

b) 現役軍人又は軍属の資格の者は申請できない。

#### 3. 検定料、入学料、授業料は以下のとおりである。

(1) 検定料 10,000円

(2) 入学料 282,000円

(3) 授業料 520,800円（年額）

上記納付金額は予定額であり、入学時又は在学中に学生納付金改定が行われた場合には、改定時から新たな納付金額が適用される。

#### 4. 奨学金・各種サービス

- (1) 東京大学には、一定の基準を満たす学生に対して授業料を免除する制度があり、入学後にこの制度に応募して認められれば、授業料が免除されることがある。
- (2) その他の学生は、検定料、入学料、授業料を支払わなければならない。学生は入学後、学内外の各種奨学金に応募できる。ただし、全ての学生に奨学金が支給されるわけではない。
- (3) 入学者には宿舍情報や一部の医療サービス等の便宜が図られる。

#### 5. 選考及び採用通知

農学生命科学研究科は応募書類により候補者を選考し、4月下旬頃に本人に通知する。東京大学での在籍身分は博士課程学生とする。

#### 6. 特別コースの特色

- (1) 授業及び研究指導は英語により行われるが、自己の専門分野で必要となる専門的日本語についても理解が進むよう、学生には少しずつでも日本語を学ぶことを奨励する。
- (2) 留学中の研究成果を学位申請論文としてまとめ、研究科に提出することができる。本研究科がそれを学位論文として認めたとき、東京大学から博士（農学）の学位（獣医学専攻は博士（獣医学）の学位）が授与される。

#### 7. 申請手続

申請者は下記の書類を2022年1月28日（金）（必着）までに、受入指導教員へ郵送すること。郵送先は、以下のとおり。

〒113-8657 東京都文京区弥生1-1-1 東京大学大学院農学生命科学研究科

\*封筒に受入指導教員名を記載して送付すること。

\*指導教員の中には住所が異なる場合があるので事前に確認すること。

- (1) 入学願書（様式1）（\*両面印刷）
- (2) 専門分野及び研究計画書（様式2）
- (3) 受入内諾書（様式3）。本研究科受入指導教員作成のもの
- (4) 大学の卒業証明書、及び、大学院の修了証明書。修了見込みの場合は、は2022年9月30日までに修了する旨を証する文書（獣医学専攻の場合は、獣医学部の卒業証明書。卒業見込みの場合は、2022年9月30日までに卒業する見込みであることを証する文書。）  
学位記や学位証明書の写しを提出する場合は、学位記や学位証明書の発行大学等が原本証明を行ったものを提出すること。
- (5) 出身大学、及び、大学院の成績証明書。GPA等、成績が明確に判る指標が添えられていること。大学、大学院それぞれについて提出すること。  
成績証明書の写しを提出する場合は、成績証明書の発行大学等が原本証明を行ったものを提出すること。



- (6) 修士論文概要又はそれに代わる研究業績。修士論文が所属大学で必須でない場合は、特に入学願書（様式1）にその旨記載し、同等な研究業績を提出すること。
- (7) TOEFL のスコアレポート又は IELTS のテストレポートフォーム。ただし、どうしてもそれらを提出できない場合は、本人の英語能力を客観的に判断できる成績証明書、若しくは所属大学からの英語能力を証明する書類を提出すること。なお、英語を母国語とする者については提出の必要はない。
- (8) パスポートの写し。
- (9) 推薦書。推薦者は学部長、研究科長、学長又は在職する研究機関等の長であること。その他の者の推薦書を添付してもよい。（指導教員等の個人的推薦書も受け付ける。）
- (10) 写真。締切日の6ヶ月以内に撮影したもの4cm×3cm（2枚）。上半身、正面、脱帽、裏面に国籍、氏名を記入し、1枚は入学願書の所定の場所に糊付けすること。
- (11) このコース応募に当たって政府の同意書が必要な場合は、忘れずに本国政府の同意書を取り、提出すること。

- 注
- a) 入学が許可された場合、受入指導教員の指導計画書等が必要となるので、事前に受入指導教員と連絡を取り打合せを行うこと。
  - b) 応募書類は日本語又は英語で作成し、A4サイズとすること。
  - c) 上記の応募書類のうち（1）、（2）、（3）は東京大学所定の様式を使用すること。
  - d) 応募書類が完全に揃っていない場合、完全かつ正確に記載されていない場合、また提出期限を過ぎて到着した場合は受理しない。
  - e) 提出された書類は返却しない。
  - f) 応募に当たって知りえた個人情報には、①教務関係（学籍、修学等）、②学生支援関係（健康管理、就職支援、授業料免除・奨学金申請、宿舍申請、図書館の利用等）、③授業料徴収に関する業務を行うため以外には利用しない。

## 8. 注意事項

- (1) 外国人留学生は渡日に先立ち日本の風土、習慣、気候、大学の状況についてあらかじめ調べておくことが望ましい。また、授業や研究指導は英語により進められるが日常生活では日本語が必要となるので、日本語についてもある程度、勉強しておくこと。
- (2) 入学願書における履歴等について虚偽の記載をした者は、入学後においても遡って入学を取り消すことがある。
- (3) 東京大学では、「外国為替及び外国貿易法」に基づいて「東京大学安全保障輸出管理規則」を定めて、技術の提供及び貨物の輸出の観点から外国人留学生の受入れに際し厳格な審査を行っている。  
規制されている事項に該当する場合は、入学が許可できない場合や希望する研究活動に制限がかかる場合があるので、注意すること。（詳細については、以下の安全保障輸出管理支援室ホームページを参照）

<https://www.u-tokyo.ac.jp/adm/export-control/ja/rule.html>

9. 問合せ先

本募集に関する問合せは下記宛に連絡すること。

東京大学大学院農学生命科学研究科教務課国際学務支援チーム

TEL +81-3-5841-5485 FAX +81-3-5841-5339

E-mail: ryugaku.a@gs.mail.u-tokyo.ac.jp

## 2022年度東京大学大学院農学生命科学研究科（博士課程）

### 「環境調和農学特別コース」入学と研究の手引

#### 1. 専攻

本コースは次の12専攻で構成される。

生産・環境生物学、応用生命化学、応用生命工学、森林科学、水圏生物科学、農業・資源経済学、生物・環境工学、生物材料科学、農学国際、生圏システム学、応用動物科学、獣医学。

申請者は、申請時にこのうち1つの専攻を選択する。入学許可時に所属する専攻が決定される。入学後に専攻を変更することは原則としてできない。出願者は事前に受入指導教員等に連絡をとり、入学後の研究内容や入学する専攻について十分に相談すること。

#### 2. 研究分野

本研究科学生は、入学時に所属する専攻の中から自分の研究分野を選ぶ必要があるため、申請時に希望する研究分野と受入指導教員を、本コースの研究分野、受入指導教員一覧（別紙1）から選択すること。研究分野（専攻分野）は申請書に記載しなければならない。しかしながら、選考後、リサーチトピックに関する受入指導教員との相談によって、研究計画は変更となる可能性がある。研究計画の作成に際しては、受入指導教員や当研究科に関係する適切な教員等とよく相談すること。

#### 3. 受入指導教員

申請者は、別紙1から受入指導教員を選択しなければならない。

#### 4. 博士課程修了要件

入学者は受入指導教員の指導を受け、その研究分野に関わる特定課題を3年間（獣医学専攻は4年間）研究する。その間本学所定のカリキュラムに従って、博士課程修了に必要な科目を履修し、20単位以上（獣医学専攻は32単位以上）を取得しなければならない。さらに、研究成果をまとめて学位申請論文として本研究科に提出することができる。本研究科によって博士論文として認定されれば東京大学から博士（農学）（獣医学専攻は博士（獣医学））の学位が授与される。

#### 5. 使用言語

英語を原則とするが日本語も利用する。本コースでは英語により授業及び研究指導を行うので、大学院への入学手続、講義・演習・実験の履修等は英語で可能である。博士論文の執筆及び口頭発表も英語で行うことができる。

なお、日本での留学生生活をより快適にしようとするれば日本語は不可欠である。また、日本語学習を希望する者は、受入指導教員と相談の上、日本語教育センターが開講する日本語コースへ申請できる。

# ENROLLMENT APPLICATION FORM

## Special Course for Sustainable Agriculture (Doctoral Course) 2022 Graduate School of Agricultural and Life Sciences (GSALS), The University of Tokyo

### I N S T R U C T I O N S (記入上の注意)

1. Type application, if possible, or write neatly by hand in block letters. (明瞭に記入すること。)
2. Use Arabic numerals. (数字は算用数字を用いること。)
3. Write years in the Anno Domini system. (年号はすべて西暦とすること。)
4. Write proper nouns in full without abbreviation. (固有名詞はすべて正式な名称とし、一切省略しないこと。)

Indicate the GSALS's department name and supervisor's name in the following columns:

Name of department: \_\_\_\_\_

Name of supervisor: \_\_\_\_\_

1-1) Name in full, in your native language (姓名(自国語))

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name/Surname) (Given name) (Middle name)

1-2) In Roman capital letters (ローマ字)

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name/Surname) (Given name) (Middle name)

※Please write your name exactly as it appears in your passport. (綴りはパスポートの表記と同一にすること)

2-1) Nationality (国籍)

\_\_\_\_\_

2-2) Possession of Japanese nationality (日本国籍を有する者)

Yes, I have (はい)     No, I don't have (いいえ)

3) Sex (性別)

Male (男)     Female (女)

4) Marital Status (配偶者の有無)

Single (未婚)     Married (既婚)

5) Date of birth and Age as of October 1, 2022 (生年月日及び2022年10月1日現在の年齢)

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
Year (年)                      Month (月)                      Day (日)                      Age (年齢)

6) Present address, telephone / facsimile number, and E-mail address (現住所及び電話番号、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, write an E-mail address that can be used continuously before, during and after you stay in Japan. (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。)

7) Field of specialization studied in the past (Be as detailed and specific as possible.)

(過去に専攻した専門分野(できるだけ具体的に詳細に書くこと。))

Paste your photograph or digital image taken within the past 6 months. Write your name and nationality in block letters on the back of the photo.

(photo size: 4.5cm×3.5cm)  
(写真(4.5cm×3.5cm))

8) Academic 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)	Duration of Attendances (修学年数)	Diploma or Degree awarded, Major subject, Skipper years/levels (学位・資格、専攻科目、飛び級の状況)
Primary Education (初等教育)  Elementary School (小学校)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	years (年)  and months (月)	
Secondary Education (中等教育)  Middle School (中学)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	years (年)  and months (月)	
High School (高校)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	years (年)  and months (月)	
Tertiary Education (高等教育)  Undergraduate (大学)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	years (年)  and months (月)	*-1
Graduate Level (大学院)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	years (年)  and months (月)	
Total years of schooling mentioned above (以上を通算した全学校教育修学年数) <b>As of October 1, 2022 (2022年10月1日現在)</b>			_____ Years and _____ months (年) (月)	

- Notes: 1. Exclude kindergarten education and nursery school education. (幼稚園・保育所教育は含まれない。)
2. Preparatory education for university admission is included in secondary education. (いわゆる「大学予備教育」は中等教育に含まれる。)
3. If the applicant has passed the university entrance qualification examinations, indicate this in the column with “\*-1.” (「大学入学資格試験」に合格している場合には、その旨\*-1欄に記入すること。)
4. Any school years or levels skipped should be indicated in the fourth column (Diploma or Degree Awarded, Major Subject, Skipped Years/Levels). (Example: Graduated high school in 2 years.) (いわゆる「飛び級」をしている場合には、その旨を該当する教育課程の「学位・資格・専攻科目・飛び級の状況」欄に記入すること。(例)高校3年次を飛び級により短期卒業)
5. If you attended multiple schools at the same level of education due to moving house or readmission to university, then write the schools in the same column and include the number of years of study and current status for each school. (住居の移転や大学の再入学等を理由に、同教育課程で複数の学校に在籍していた場合は、同じ欄に複数の学校の在籍を記載し、すべての修学状況を修学年数に含めること。)
6. Calculate and write the total number of years studied based on duration as a student. (including extended leave such as summer vacation)(修学年数合計は在籍期間を算出し、記入すること。(長期休暇も含める))

7. You may use a separate piece of paper if the above space is insufficient. In such a case, please stipulate that the information is on a separate page. (上記に書ききれない場合は、別紙に記入することも可能。しかしその場合は、別紙に記入する旨を上記学歴欄に明記すること。)

9) If you are applying for scholarships, please state the name of the sponsor, scholarship period, scholarship amount, etc.

(もし奨学金に応募している場合は、その名前、期間、金額等を記すこと。)

10) Past awarded record (過去の受給/受賞歴)

Have you been awarded any scholarship or award in the past? If so, please write the name of the scholarship/award and the year of award.

(過去受給した奨学金や受賞歴があれば、受給奨学金名、受給年等を記載すること。)

11) Have you ever written a papers (including graduation theses)? (過去に論文(卒業論文を含む。)を作成したことがあるか)

Yes, I have. (ある)       No, I have not. (ない)

12) State the titles or subjects of books and papers (including graduation theses) authored by applicant, if any, with the name, address of publisher and the date of publication. (著書、論文(卒業論文を含む。)があればその題名、出版社名、出版年月日、出版場所を記入すること。)

13-1) Currently have a job? (現職の有無)

Yes, I have (はい)       No, I don't have (いいえ)

13-2) If you have a job, please fill in employer's name (もし現職がある場合は勤務先名を記入すること。)

\_\_\_\_\_

13-3) Employment record: Begin with the most recent employment and exclude part-time work. (職歴: アルバイトは除く。)

Name and location 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		

14) Japanese language proficiency: Evaluate your ability and fill in with an X where appropriate in the blanks.

(日本語能力を自己評価のうえ、該当欄に×印を記入すること。)

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

※If you have taken the Japanese Language Proficiency Test, specify the level you acquired. [ ]Level

(日本語能力試験の級取得者は取得級を記載)

15) 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, telephone/facsimile number, and 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 to applicant:

(本人との関係) \_\_\_\_\_

16) Visits or stays in Japan List from your most recent visits. (日本への渡航及び滞在記録)

Date(年月日)	Purpose(渡航目的)
From	
To	
From	
To	

Date of application:

(申請年月日)

\_\_\_\_\_

Applicant's signature:

(申請者署名)

\_\_\_\_\_

Applicant's name

(in roman capital letters):

(申請者氏名)

\_\_\_\_\_

(別紙)

## 専攻分野及び研究計画

Field of Study and Study Program

Full name in native language \_\_\_\_\_

(姓名 (自国語))

(Family name)

(First name)

(Middle 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 typewritten or written in block letters. 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。)  
記入はタイプ又は楷書によるものとし、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。)

(Form 3)

受 入 内 諾 書  
Letter of Acceptance

年 月 日

Date

国籍 Nationality \_\_\_\_\_

氏名 Name \_\_\_\_\_ 殿

日本での指導教員 Name of Supervisor in Japan

東京大学大学院農学生命科学研究科

Graduate School of Agricultural and Life Sciences

The University of Tokyo

専攻 Department \_\_\_\_\_

職名 Job Title \_\_\_\_\_

氏名 Name \_\_\_\_\_

署名 Signature \_\_\_\_\_

私は、貴殿が「環境調和農学特別コース」の入学者として採用された場合には、指導教員となることを承諾します。

I agree to accept you in our laboratory and to supervise your research work if you are selected as a student of Special Course for Sustainable Agriculture.

1. 研究課題 Research Theme

2. 受入内諾に至った経緯 Circumstances of tentative acceptance