



Graduate School of Agriculture Kyoto University

Special Course in Agricultural Sciences

– For the Global Future of Life, Food and the Environment –



AGRICULTURE
KYOTO U

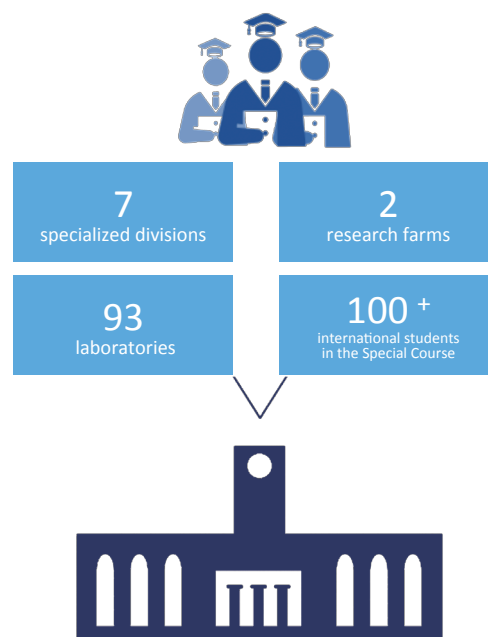


Special Course in Agricultural Sciences

-For the Global Future of Life, Food and the Environment

The Graduate School of Agriculture, Kyoto University offers an international education program, “Special Course in Agricultural Sciences - For the Global Future of Life, Food and the Environment”, since April 2010, under the umbrella program “K.U.PROFILE” (Kyoto University Program for Future International Leaders). This course aims to develop human resources with advanced research abilities, profound knowledge and an international perspective in the fields of life, food and the environment, who can be an international leader in the future.

Both master’s and doctoral course students are accepted. As lectures and research guidance are given in English, students need not study Japanese language to obtain their degree. Students of this course can join one of the following divisions covering a diverse range of agricultural, life and environmental sciences: Agronomy and Horticultural Science, Forest and Biomaterials Science, Applied Life Sciences, Applied Biosciences, Environmental Science and Technology, Natural Resource Economics, and Food Science and Biotechnology. Each student will have the benefit of having several supervisors for their research guidance.



Welcome from the Dean



Professor TAO Ryutaro

The Faculty of Agriculture at Kyoto University was established in 1923, and subsequently, in 1953, the Graduate School of Agriculture at Kyoto University was founded and stands as one of the oldest and largest graduate school of its kind in Japan. Over a century since its foundation, Kyoto University’s Faculty/Graduate School of Agriculture has nurtured numerous talented individuals and spearheaded world-class research achievements across various fields, making significant contributions to the advancement of agricultural science.

The Graduate School of Agriculture focuses on the keywords "Life, Food, and Environment" addressing complex and challenging issues facing humanity. These include the sustainable continuity of life across generations, ensuring the security and high quality of food, and addressing environmental degradation and the restoration of deteriorated environments. The Graduate School of Agriculture consists of seven division and conducts a wide range of research and education, from molecular and cellular-level life activities to Earth's ecosystems, material cycling systems, and even human activities in local communities. This encompasses a broad spectrum of studies aimed at improving the productivity of agriculture, forestry, fishery, and livestock industries, while preserving production environments. Cutting-edge research outcomes from the Graduate School of Agriculture are regularly featured on the Kyoto University's and the Graduate School of Agriculture's websites.

For humanity to thrive and continue a prosperous life, it is essential that high-quality food is abundantly supplied. However, it cannot be overlooked that advancements in production technology have placed significant burdens on the environment, resulting in constraints on food production due to issues like soil salinity and erosion. In recent years, the emission of greenhouse gases with agricultural production has also become a significant issue. Overcoming the challenges humanity faces is imperative for the continued enjoyment of prosperous life. The role that agricultural science must play is undeniably substantial. Through a diverse range of education and research, we aspire to contribute to the peaceful lives of people worldwide.

In addition to the agricultural sciences, Kyoto University covers diverse academic fields, attracting students from all over the world. You will have numerous opportunities to engage in exchanges with them on campus, aiding in the development of your international network of contacts.

We look forward to welcoming you in Kyoto, one of the oldest historical cities in Japan. We assure you that traditional “OMOTENASHI” atmosphere of Japan will create unforgettable memories of your campus life.

Curriculum



The minimum required period of enrollment in the programs is two years for the master's course and three years for the doctoral course. Master's course students must obtain 30 credits or more in their major to pass the master's thesis screening and final examination for their degree. Doctoral students are required to pass the dissertation assessment and final examination.



List of subjects offered in English at Graduate School of Agriculture

as of April 2025

Division	Title
Agronomy and Horticultural Science	Vegetable and Ornamental Horticulture (Advanced Course), Weed Science (Advanced Course), Food Quality Design and Development (Advanced Course), Quality Analysis and Assessment
Forest and Biomaterials Science	Forest Resources and Society, Tropical Forest Environments, Forest Ecology, Forest Utilization, Special Lecture on Forest Hydrology
Applied Life Sciences	Applied Microbiology for Human Life, Advanced Applied Biochemistry, Applied Plant Sciences
Applied Biosciences	Advanced Genetics II, Ecological Function of Marine Organisms
Environmental Science and Technology	Agroecology of Tropical Crops, Soil Science, Special Lecture on Ecological Information, Agricultural Facilities Engineering, Hydraulic and Environmental Modeling, Bioresource and Bioenergy, Field Robotics (Advanced Course), Bio-Sensing Engineering (Advanced Course), Engineering of Environmental Radiation Control
Natural Resource Economics	Regional Environmental Economics, Agricultural and Environmental Policy, Forest and Resources Economics, Development Microeconomics, International Agri-food Studies, Qualitative Research Methods and Analysis, Qualitative Research Methods, Microeconomic Analysis, Econometric Analysis, Applied Microeconomic Analysis, Applied Econometric Analysis, Special Lecture on Natural Resources Economics
Food Science and Biotechnology	Advanced Course of Enzyme Chemistry, Advanced Course of Food Chemistry
All Division	Agriculture and Environment in Japan, Special Lecture on Comparative Agricultural Studies, Special Lecture on global issues in agricultural science, Scientific Communication, Sustainable Agriculture : A Cross-Cultural Perspective, Human Security and Global Environmental Change, Southeast Asian Studies, UNESCO Chair Fieldwork : Water, Forest and Society

※ Besides the subjects listed above, seminars and laboratory works are available in English.



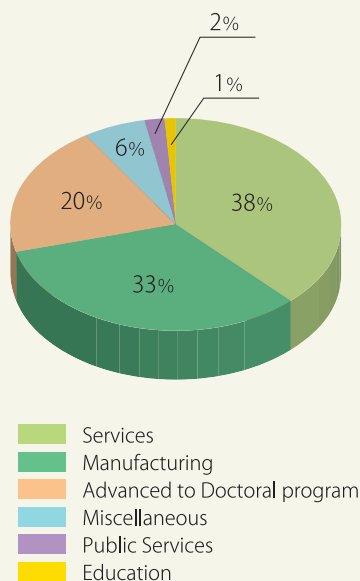
Admission Schedule

	April Enrollment	October Enrollment
Admission Guidelines	Available on our website	
Application Period	Early August	Early February
Announcement of Successful Applicants	Early September	Middle of March
Enrollment Capacity	A few for both Master's and Doctoral programs	

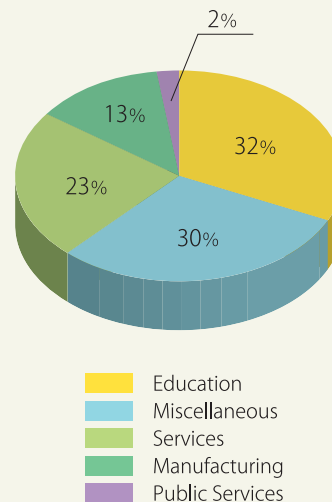


Career Paths after Graduation Graduate School of Agriculture (GSA) Graduates, AY 2023

Graduates of the Master's Program



Graduates of the Doctoral Program



Contact Information

Graduate School of Agriculture, Kyoto University

Kitashirakawa Oiwake-cho, Sakyo-ku,
Kyoto-shi, Kyoto 606-8502 JAPAN
TEL: +81 75 753 6014
FAX: +81 75 753 6005
Email: agri-kyoumu2@mail2.adm.kyoto-u.ac.jp
agrig30@mail2.adm.kyoto-u.ac.jp



GSA on Facebook

Websites Graduate School of Agriculture: <http://www.kais.kyoto-u.ac.jp/english/>

Location of Kyoto



Osaka Kansai International Airport

Limited Express
"Haruka"
Approx. 75min

Limousine Bus
Approx. 88min

Shuttle Taxi Service
Approx. 120min

Kyoto Station

Kyoto Station
Bus Terminal

Kyoto City Bus
Route #7
Approx. 30min

* Get off at "Kyodai
Nogakubu Mae"

Graduate School of Agriculture,
Kyoto University