Course of Agriculture, Fisheries, and Life Sciences, United Graduate School of Agricultural Sciences, Kagoshima University

Outline

The school will reorganize into a single course comprising three departments, with education conducted on a course-wide basis. While students belong to one of the three departments, they will be able to select supervisors from the entire course. This allows for research supervision across various disciplines in Agriculture and Fisheries Sciences.

[Current organization]

Course of Science of Bioresource Production (Enrollment capacity: 7)
- Tropical Bioresource and Plant Resource Production
- Animal Resource Production
- Regional and Global Resource Economics

Course of Biological Science and Technology (Enrollment capacity: 8)
- Bioscience and Biotechnology
- Food Science and Nutrition
- Advanced Life Science

Resource of Environmental Science of Agriculture, Forestry and Fisheries (Enrollment capacity: 8)
- Environmental Science and Conservation Biology
- Regional Resource Environment Engineering
- Fisheries Sciences on Resources and Environments

[After reorganization: April 2025~]

Course of Agriculture, Fisheries, and Life Sciences (Enrollment capacity: 30)

Division of Agricultural and Fisheries Production Sciences
Biological production sciences spanning various disciplines in Agriculture and Fisheries Sciences

Division of Bioresource and Life Sciences
Elucidating the functions of terrestrial and aquatic biological resources, and studying their sustainable and effective utilization for enriching dietary cultures

Division of Rural Communities and Environmental Sciences
Studies that contribute to agriculture, forestry, fisheries, and livestock production in harmony with the environment, as well as to the social sciences, chemistry, and engineering, which promote the autonomous development of local communities, particularly in primary industries.

Advantages of the reorganization

- **Establishment of interdisciplinary studies**: A flexible education and research organization will be created within a broad framework of a single course, allowing students to conduct research in their chosen area. By allowing students to select three supervisors from a total of 180 faculty members across the entire graduate school, interdisciplinary research aligned with contemporary needs will be strongly promoted, fostering the creation of new areas that can lead to innovation.
- **Curriculum tailored to degree type and career path**: After standardizing the curriculum under one major, students will be able to take career development courses aligned with their degree type (Ph.D. in Agriculture, Fisheries, Arts & Sciences) and career path (e.g., companies, research institutions, university faculty). This will foster the development of a diverse range of students, including university faculty, researchers in both academic and industrial settings, and doctoral students who are broadly active in society.
- **Career development and data science education aligned with societal needs**: Lectures by degree holders and practitioners active in society, along with the latest data analysis methods and internships, will be strengthened to enhance research and teaching methods at universities and contribute to career development.
- **Revision of the admission process in line with the needs of applicants from diverse career backgrounds**: The entrance examinations are divided into general admission for MSc candidates and special admission for international students and working professionals who possess a certain level of research ability. The assessment includes evaluating whether applicants can complete the degree within the standard years of study.