

	Faculty of Agriculture, Department of Agrobiological Resources
<b>Diploma Policy</b>	<p>The Department of Agrobiological Resources confers a bachelor's degree (in agriculture) to a student who has acquired the qualities and abilities listed below in accordance with our founding spirit, the Faculty's objective in developing human resources :Our mission is to cultivate human resources who can contribute to society with a broad base of specialized expertise, grounded in the life sciences, food/health sciences, and environmental sciences, and capacities for insight, creativity, and practical action; and the Department's objective in developing human resources :Our mission is to cultivate human resources with a rich sense of humanity and the ability to make continuing contributions to social development in the fields of agriculture and food on a local and global scale by utilizing their specialized knowledge and technical expertise in the production, development, and usage of biological resources, broad perspective, and logical thinking; and earned the Department's required minimum number of credits (124).</p> <p>(1) A strong educational background, language skills, communication abilities, presentation skills, respect for nature and living organisms, high ethical standards, and a rich sense of humanity.</p> <p>(2) The ability to perceive the effects and impact of agricultural technology and biotechnology from a multifaceted perspective and make contributions to society, using one's advanced, far-reaching specialized expertise and basic analytical techniques in the field of agrobiological resources (agrobiological production, genetics and breeding, biotic protection, and business administration and economics), one's ability to think about the future of sustainable social development, and one's deep, thorough understanding of the scientific underpinnings of agriculture and food.</p> <p>(3) The abilities to explore issues and solve problems in the fields of agrobiological production, genetics and breeding, biotic protection, and business administration and economics and, with a determination to continue learning actively and independently throughout life, collaborate with others toward mutual growth in agriculture-, food-, and biology-related industries, agriculture-related administration, education, and other fields.</p>
<b>Curriculum Policy</b>	<p>The Department of Agrobiological Resources designs its curriculum, comprising Liberal Arts Education and Specialized Education, to accomplish the Department's objective in developing human resources and nurture students with the qualities and abilities stated in the diploma policy. Students are required to earn a certain number of credits in each component of the curriculum, which serves to establish a broad educational background and foundation of basic knowledge that enable students to develop the abilities for thriving in various fields.</p> <p>(1) Liberal Arts Education, which comprises Basic Subjects, Humanities and Social Science Subjects, Natural Science Subjects, Verbal Communication Subjects, Information Technology Subjects, Health and Sports Subjects, and Career Education Subjects, helps students develop a strong educational background, language skills, communication abilities, presentation skills, respect for nature and living organisms, high ethical standards, and a rich sense of humanity.</p> <p>(2) Specialized Education comprises a group of Basic Education Subjects and Specialized Education Subjects, establishing an integrated, systematic framework of subjects that help students progress sequentially from basic knowledge to applied studies. In addition to featuring lecture-based classes on theory and knowledge, the Specialized Education curriculum also includes lab experiments, practice labs, and seminars that further nurture students' abilities to learn independently. The Specialized Education curriculum also focuses on interactive learning across the subject spectrum, forming strong student-instructor connections and fostering a more independent, self-motivated approach to learning.</p> <p>(3) The Department's Specialized Education culminates in the final two years of the curriculum, when students join laboratories (year 3) and then do their Graduation Research under the guidance of their advisors (year 4). Graduation Research also gives each student an opportunity to select a research topic of his or her choice, thereby respecting the individuality of each learner. In addition, the Graduation Research framework requires each student to formulate his or her own research plan by gathering a broad range of information through discussions with instructors and fellow students. After conducting experiments and analyses, students must then compile their findings and give a Graduation Research presentation at the end of the academic year. The Graduation Research process, a multi-stage sequence of academic inquiry, allows students to develop the abilities to explore issues, create solutions to problems, put their knowledge into practice, express themselves, develop their ethical perspectives, and collaborate with others.</p> <p>(4) In order to ensure that the policy functions effectively and both improves and enriches the quality of student learning, the Department sets a maximum number of credits that a student can register for in a given academic year and also enforces minimum credit requirements for progressing to years 3 and 4 in the curriculum. The Department also releases syllabuses for the courses offered, including class plans, learning objectives, and grading standards. In addition, the Department requires each student to create and analyze portfolios and learning outcomes in accordance with the diploma policy, a process that facilitates self-learning, and uses the GPA system (an international set of standards for evaluating academic performance) for the purpose of academic guidance by advisors.</p>
<b>Admission Policy</b>	<p>The Department of Agrobiological Resources admits applicants who understand the Department's objective in developing human resources and have acquired the following abilities and attitudes through prior education such as high school education.</p> <p>(1) A basic knowledge of biology, chemistry, physics, mathematics, Japanese, English, and other fields, which form the basis for studying in the Department, and the ability to apply that knowledge.</p> <p>(2) A strong interest in engaging and ambition to engage in studies of agricultural production/utilization technology, plant biotechnology, the physiology and interactions of different biological resources, agricultural pest control, and the socioeconomic issues facing the food industry, agriculture, and farming communities.</p> <p>(3) A drive to explore problems, the ability to learn actively, continuously, and cooperatively, and an ambition to continue learning throughout life.</p>