



I think that it's only after I came here that I started to understand the beauty of Biology. Of course I've studied and loved it in high school but I've never felt as passionate about it then than as I do now. It may sound cliché but I can honestly say that coming to Nagoya University, especially to the Biology program, was the best decision of my life so far.

Norjin Zolboot

Mongolia

School of Science

Biological Science Program

I am really grateful to be a student in the Applied Bioscience Program because the study fields and career options are really broad such as in the field of pharmaceutical, medical, food industry, and agriculture. In addition, in the Department of Applied Bioscience, the experimental skill is really emphasized. Since we have to undergo an intensive training lab every day in the third year. In this training lab, all students will learn a wide range of experimental techniques that vary depending on the field research of every lab in the department. For just training, I think the facilities that are provided to the students are very complete, for example, we are given the opportunity to be able to use advanced machinery like the NMR machine.



Izza Dinalhaque Pranasari

Indonesia

School of Agricultural Sciences

NAGOYA UNIVERSITY GLOBAL 30 INTERNATIONAL PROGRAMS
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Contact Information

Admissions Office, International Programs

Tel: +81-52-747-6556

Fax: +81-52-747-6526

Furo-cho, Chikusa-ku, Nagoya 464-8601 Japan

E-mail: apply@g30.nagoya-u.ac.jp



Biological Science Program

Bachelor of Science / Bachelor of Agricultural Sciences

Program Outline

The Biological Science Program is a collaborative effort by the Division of Biological Science in the School of Science and the Division of Applied Biosciences in the School of Agricultural Sciences. The program aims to nurture promising scholars with an international perspective and is taught by lecturers of diverse nationalities. As expected for an international program, all courses are conducted in English. The curriculum is designed to provide both a breadth of knowledge in natural sciences and an opportunity to explore areas of interest in greater depth through hands-on experience. Students are strongly encouraged to take courses across various disciplines to provide the broad knowledge base that is becoming increasingly important in modern-day science. Key features of the program are an extensive series of laboratory courses from first year, and a graduation research in a laboratory of choice. The program attracts outstanding students from many countries. While some join the graduate school in Nagoya University, many continue to well-known universities overseas. The program provides an excellent starting ground for entering broad spectrum of career paths, including basic research, applied research, medical professions, and biology-related careers in the food and pharmaceutical industries.

– School of Science

The world-class researchers at the Division of Biological Science, School of Science are motivated by a simple but intense curiosity for the wonders of life. The importance placed on intellectual enthusiasm and research freedom is reflected by the diversity of research groups and by the focus of the courses offered on basic biology. This focus on fundamental science is the most distinctive characteristic of the Biological Program in the School of Science. Students start their practical training from year one, with lab course in their second semester. From year two most of their afternoons are dedicated to lab courses, facilitated by researchers from the various laboratories in the Division. In their final year all students conduct a 1.5-year research project for their graduation thesis, which provides them with an opportunity to hone their skills in an independent research setting. They can choose from research at the molecular level, cellular level, and higher systems level in the 16 research groups within the Division and in affiliated institutes such as the Marine Biological Laboratory, the Center for Gene Research, the Bioscience and Biotechnology Center, the Structural Biology Center and the Institute of Transformative Bio-Molecules. Come and experience the excitement!



– School of Agricultural Sciences

In the Division of Applied Biosciences emphasis is placed on advanced research and the development of human resources with highly specialized skills. Some of the highlights of the Applied Bioscience program include:

- A one-year intensive laboratory training course during the 4th and 5th semesters, which aims to familiarize students with the basic laboratory techniques in both Chemistry (Inorganic, Organic, Biochemistry) and Biology (Molecular Biology, Microbiology, Cell Biology, Molecular Genetics).
- A special program given on the 3rd and 4th semesters, which involves visiting different laboratories and interaction with the members. There are currently 26 different research groups dealing with diverse fields of study ranging from bioorganic chemistry, food and nutrition science, cell biology, plant science and technology, microbiology and biotechnology.
- Students join a research group of their choice on the 6th semester, one semester earlier than in other programs, giving the students a total of three semesters to complete their graduation research. This opportunity gives students more time to learn and thus ensure the quality of their research work.

