

Program Highlights

Our program is designed to provide students with a comprehensive education in biological science, focusing on applied bioscience related to microorganisms, plants, animals, and biological chemistry. Students learn not only the basic scientific principles but also how to apply those principles to solve issues in agriculture, food and pharmaceutical industries. Besides theoretical foundations, our program offers extensive hands-on training in experimental skills over a 1-year training period before students join a laboratory of their choice for their graduation thesis research. Laboratory is chosen after a series of lab visits and optional lab internships. Our program provides an excellent starting point for various career paths, including basic and applied research, as well as careers in food, pharmaceutical, and chemical industries. Our Bio-Agri alumni have successful careers working in both, academia and industry, and are readily available to help current students navigate career choices, alongside professors who provide recommendations and training on job search and graduate school applications.

Does This Program Suit You?

- ✓ Passionate about biology, with solid background in chemistry and mathematics.
- ✓ Ambitious about using biology to solve the issues in our society (food production, etc).
- ✓ Love Japan!
- ✓ Creative and enthusiastic, with community awareness.

This may be the program for you!

NAGOYA UNIVERSITY

GLOBAL30

INTERNATIONAL PROGRAMS

We are one of the few universities in Japan offering a wide array of programs fully taught in English for the full 4 years of undergraduate education. 10 programs in total are offered under the umbrella of the G30 International Programs, ranging from various STEM programs to Social Sciences and Humanities. We welcome students with a passion for innovation and research!

Point1 Taught in English
(No Japanese knowledge required)

Point2 Intensive Japanese language course

Point3 Research-focused university

Point4 Diverse world-class faculty
and students

Point5 Good career prospects

Point6 帰国子女OK

▶ Find out more about the programs:

<https://admissions.g30.nagoya-u.ac.jp/> ▶▶



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NAGOYA UNIVERSITY

| JAPAN



Biological Science Program

School of Agricultural Sciences



Degree Awarded:

Bachelor of Agricultural Sciences
Concentration in Applied Bioscience

Duration : 4 years

Start Early October

Our Strengths and Unique Points

Our G30 Bio-Agri program is a small but warm and welcoming community of biology lovers and creative students willing to actively learn and change society. We exchange ideas, work together closely, support each other, and continue building one strong network of students, professors, and alumni who pursue their careers all over the world.

All our courses are taught in English, while the students actively learn Japanese, typically reaching business proficiency by graduation. This gives our students a wide range of career options. If you are passionate about biology and its application in biotechnology, agriculture, and food production to address global issues, looking for extensive training in experimental skills and hands-on research, and thinking about a career in applied research and industry, how about joining our growing G30 Bio-Agri community? We are looking forward to welcoming you!

Jasmina Damjanovic

Associate Professor of Biological Sciences

Your Future Career

The majority of graduates enter graduate schools of Nagoya University or other prestigious international and Japanese universities and pursue further studies related to biological science. Others find employment in the food industry, biotechnology, agroindustry, health and pharmaceutical industries, as well as in government offices.

Curriculum

1st year	Japanese Language, Liberal Arts & Basic Courses
	Take foundational courses to ease into life at Nagoya University: • Fundamentals of Biology I/II • Laboratory in Biology • Fundamental Courses in Natural Sciences
2nd year	Basic Specialized Courses
	Start building your biology foundation by taking the following basic courses: • Genetics I/II • Biochemistry I/II • Cell Biology I/II • Bioagricultural Science Laboratory I • Physiology and Developmental Biology
3rd year	Specialized Courses & Laboratories
	Start deciding on your specialization through specialized elective courses: • Cell Biology III • Bioagricultural Science Laboratory II • Biochemistry III • Specialized Elective Courses
4th year	Research and Thesis
	Complete your research on your chosen specialization/field: • Seminar • Graduation Research in Bioscience

* Note: This curriculum outline serves to show a snapshot of what the program has to offer and does not list all graduation requirements. Please refer to the program's Graduation Requirements found on the admissions website.



What sparked your interest in the G30 Biological Science Agriculture program?

Ever since I was young, Japan has always been a big part of my life-electronics, food, TV shows-everything came from Japan. Naturally, this made Japan one of my top choices for university. I chose the G30 program at Nagoya University because of its use of English as the primary language and its wide range of courses. Among many, I chose the Bioagricultural Sciences program as it aligned with my future plans to work in the food or cosmetics industry. For new students, studying in a foreign country is quite the rare opportunity. Aside from focusing on your studies, making connections and enjoying your time here is important too!

Timetable

3rd Year Fall Timetable Sample

	MON	TUE	WED	THU	FRI
1				Computational Chemistry	Earth and Planetary Sciences
2		Physiology and Anatomy II	Genetics III	Cell Biology III	Biochemistry III
3	Student Experiments				
4					
5					



What courses did you take in high school?

I applied for the university using my A level grades in Chemistry, Physics, and Mathematics, which were all A*s.

Mathematics

Biology

Chemistry

Physics

1 DAY SCHEDULE

What does a day look like in your 4th year?

