# School of Agricultural Sciences Graduate School of Bioagricultural Sciences

We aim at solving the current issues on production and sustainability of food, environmental protection, life-long health and development of biomass energy through making clear and enhancing the function and mechanism of a living thing in the range from molecular level up to ecosystem. At the same time, the scope of the research is expanding toward a new horizon by constructing the research network with relevant or different disciplines. Challenging these complicated and diverse issues, we nurture the students who have the potential accepted in the international field, acquiring with logical consideration and creativity based on the knowledge of agriculture and life sciences and abilities putting it into practice.

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## School of Agricultural Sciences





School of Agricultural Sciences

Department of Bioenvironmental Sciences Department of Bioresource Sciences Department of Applied Biosciences



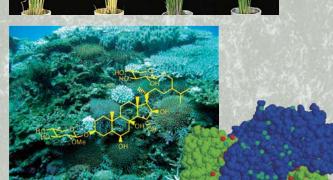
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## Aiming at Being a World Class Education and Research Center that Contributes to Food, Environment, and Health Issues

The School of Agricultural Sciences has three departments: the Department of Bioenvironmental Sciences; the Department of Bioresource Sciences; and the Department of Applied Biosciences. The School has an established and comprehensive educational system that aims at humankind's development in harmony with the earth's environment through finding ways to resolve various problems concerning food, the environment, and health. In the first and second years of the school, students study common basic subjects and introductory areas, while specialized education specific to each department begins in the third year. This education program is designed to ensure that students can acquire a broad and comprehensive view rather than simply narrow and specialized knowledge. The School also provides a range of experimental coursework and hands-on training to convert mere knowledge into spontaneous wisdom and intelligence-the acquirement of true expertise.







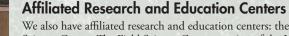
## **Research Frontiers that Can Open the Future of Bio-Resources**

The Graduate School of Bioagricultural Sciences aims at creating an academic field that can contribute to the 21st century through a fusion of bioscience and agriculture. We hope to advance this great mission together with young and unique people who love both nature and human beings, and want to dedicate their lives to creativity in science and technology.

#### **Development of Bioagricultural Research that** Seeks the Fundamental Solutions of the Global Problems Facing Human Life

The goal of the Graduate School of Bioagricultural Sciences is to find the fundamental solutions to a range of problems concerning food, the environment, and health, through education and research concerning the developmental infrastructure of bio-resource production, symbiotic environments, and advanced biological technologies centered around the life sciences. The world is now facing critical issues, such as the exhaustion of food and energy resources, poverty, increasing health problems,

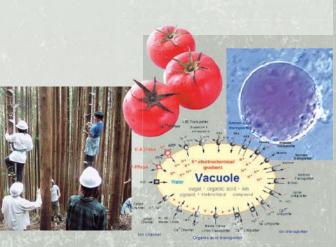
> Graduate School of **Bioagricultural Sciences**



We also have affiliated research and education centers: the Avian Bioscience Research Center and the Field Science Center. The Field Science Center consists of the University Farm, the University Forest and the Experimental Station for Highland Field Researches.

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# Graduate School of **Bioagricultural Sciences**



and direct and indirect environmental disruption. The mission of bioagricultural science is to produce the wisdom and power to reach the fundamental solutions to this unprecedented situation. Although we stand firmly on the tradition of past studies, yet we have the courage to drastically change existing frameworks in order to further advance our research. Pursuing the advancement of bioscience theory and biotechnology, designing an environment suitable for a wide variety of life forms, and nurturing a thorough understanding of the ecologies specific to each species, we can offer new bioagricultural theories, contribute to the development of new bioresources, the creation of novel bio-industries, and more... Our school provides the fullest range of educational choices to help you make your dream and plans for the future come true.

#### Department of Biosphere Resources Science

Resources Cycling System / Bioresource Production and Agroecology / Regional Resources Management / Biological Material Sciences / Ecosystem Conservatior

Department of Biological Mechanisms and Functions

Biodynamics / Molecular and Cellular Biology / Biofunctions Development / Bioresource Functions

Department of Applied Molecular Biosciences

Biomodeling / Biofunctional Chemistry / Applied Biochemistry / Applied Genetics and Physiology

Department of Bioengineering Sciences

Biotechnology / Socioeconomic Science of Bioagriculture / Plant and Animal Production / Molecular Cell Function / International Cooperation in Agricultural Sciences



## DATA

### Staff members in 2013

Professors	41
Associate Professors/Lecturers	40
Assistant Professors	35
Total	116

#### Students in 2013 (numbers of international students are in brackets)

Undergraduate	746 (15)
Master course	303 (10)
Doctor course	97 (27)
Total	1,146 (52)

### **Countries of international students in 2013**

Afghanistan, Bangladesh, Cambodia, China, Egypt, Ghana, Kenya, Indonesia, Korea, Malaysia, Mongolia, Nepal, Palestine, Philippines, Serbia, Russia, Taiwan, Thailand, Turkey, Vietnam

#### Numbers of international students awarded scholarship in 2013

MEXT scholarship	11
Others	10

#### Acquisition of degrees in 2012 (numbers of international students are in brackets)

Master's degree	156 (9)
Doctor's degree	27 (7)

#### Major employers of our graduates

Asahi Kasei, Ajinomoto, Astellas Pharma, Medical & Biological Laboratories, Ichibiki, S&B Foods, Oji Paper, Otsuka Pharmaceutical, Kao, Kagome, Calpis, Kanto Chemical, Knor Foods, Glico Daily Products, Kowa, Shimadzu, Sumitomo Forestry, Sojitsu, Dainippon Sumitomo Pharma, Takeda Pharmaceutical, Token C.E.E. Consultants, TORAY, Nisshin Food, Pfizer Japan, POLA, Mitsubishi, Meiji, Menicon, Yamasa, Morinaga Milk, Megmilk Snow Brand, LION, Rohto, YKKAP, Aichi Prefectural Police (Crime Laboratory)

## Information for international students

#### **Language Studies**

The Education Center for International Students of Nagoya University (ECIS) offers several types of courses for Japanese language including online Japanese courses and intensive training courses. In addition to Japanese, the School of Language and Cultures offers other language courses: English, German, Korean, French, Indonesian, Russian, Chinese, Spanish, Greek, Latin, Esperanto, Italian, Ainu, and Portuguese.

#### **Tutor System**

International students are individually assigned a tutor for one year (two years for undergraduate students) after they arrive in Japan. They can receive advice from tutors regarding academic and daily living concerns.

#### **Financial Information**

The fees of the academic session 2013 are as follows (in Japanese Yen)

Entrance exam fee	
Undergraduate	17,000
Postgraduate	30,000
Research Student	9,800
Registration fee	
Undergraduate & Postgraduate	282,000
Research Student	84,600
Tuition fee	
Undergraduate & Postgraduate (per year)	535,800
Research Student (six months)	178,200

#### **Scholarships**

Government and semi-governmental organizations offer scholarship programs: The Japanese Ministry of Education, Culture, Sports, Science, and Technology (Monbukagakusho, MEXT), and the Japan Student Services Organization (JASSO). Also private foundations offer limited financial assistance to international students currently enrolled in Nagoya University.

#### Accommodation

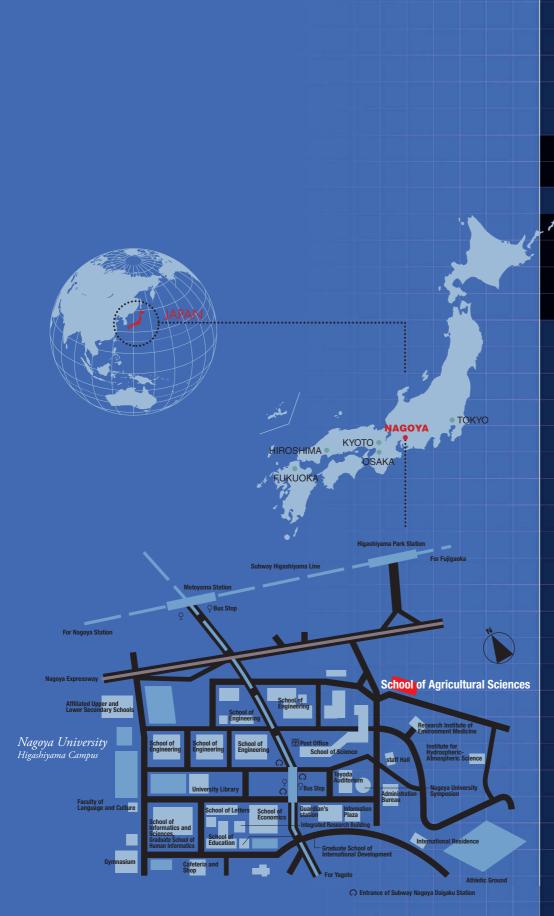
New students from abroad are generally accommodated in one of the university international residences for a maximum period of half a year. Private, company, and public housings are also available.

#### **Further Information and Links**

For detailed information on application and admission please inquire at the office of student affairs: The office of student affairs, Graduate School of Bioagricultural Sciences, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan URL: http://www.agr.nagoya-u.ac.jp/index-e.html

E-mail: kyomu@agr.nagoya-u.ac.jp

Also please visit the following websites for further information: Nagoya University: http://www.nagoya-u.ac.jp/en Education Center for International Students of Nagoya University (ECIS): http://www.ecis.nagoya-u.ac.jp/en/ Japan Student Services Organization (JASSO): http://www.jasso.go.jp/index\_e.html



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