

# NAGOYA UNIVERSITY



## About Nagoya University

Nagoya University has a history of about 150 years, with its roots in a temporary medical school/hospital established in 1871 and formally instituted as the last Imperial University of Japan in 1939. Although modest in size compared to largest universities in Japan, Nagoya University has been pursuing steady development through creative research activities fostered by a free and vibrant academic culture. For further strengthening the research and Nagoya University is actively promoting interactive human exchange to cultivate talented people and to develop an international human network.

## Education & Research

Nagoya University mainly consists of 9 Undergraduate Schools, 13 Graduate Schools, 3 Research Institutes, 18 Research Centers, and others in the organizational structure.

### Undergraduate Schools

Humanities  
Education  
Law  
Economics  
Informatics  
Science  
Medicine  
Engineering  
Agricultural Sciences

### Graduate Schools

Humanities  
Education and Human Development  
Law  
Bioagricultural Sciences  
Economics  
Informatics  
Science  
Medicine  
Engineering  
International Development  
Mathematics  
Environmental Studies  
Pharmaceutical Sciences

## Achievements & Excellence

- 6 Nobel Prize recipients in this century.
- 115th in QS World University Rankings (2016-2017).
- 26th in QS Asia University Rankings (2016-2017).
- Top 100 universities for 6 subjects: Engineering-Chemical; Agriculture & Forestry; Biological Sciences; Chemistry; Materials Science; and Physics & Astronomy (QS 2016).
- Gender equality globally selected as one of the 10 HeforShe University IMPACT Champions by UN Women.

## Members As of May 1, 2017

### Faculty 2,533

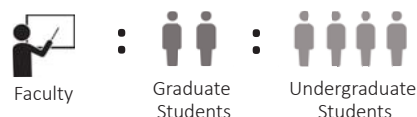
Professors : 730  
Associate Professors : 609  
Lecturers : 277  
Assistant Professors : 733  
Research Associates : 3  
Researchers : 181

\* Data include the number of staff under limited-time contracts.

### Students 16,387

Undergraduate Students : 10,115  
Graduate Students : 6,272  
incl. 1,805 International Students (107 Countries / Regions).

Faculty-to-Graduate Student-to-Undergraduate Student Ratio = **1 : 2.5 : 4**



## World-Class Research Excellence - Nobel Laureates -

Since entering the 21st century, 16 Japanese researchers have received the Nobel Prize. Among these prestigious researchers, six are graduates of or have been affiliated with Nagoya University as faculty members during their careers. This number of Laureates is the highest in Japan in this century.



### Dr. Ryoji Noyori

Nobel Prize in Chemistry (2001)  
for the work on chiral catalyzed hydrogenation reactions



### Dr. Osamu Shimomura

Nobel Prize in Chemistry (2008)  
for the discovery and development of the green fluorescent protein, GFP



### Dr. Makoto Kobayashi & Dr. Toshihide Maskawa

Nobel Prize in Physics (2008)  
for the discovery of the origin of the broken symmetry which predicts the existence of at least three families of quarks in nature



### Dr. Isamu Akasaki & Dr. Hiroshi Amano

Nobel Prize in Physics (2014)  
for their pioneering efforts on the blue light-emitting diode, LED

Reference : Nagoya University Profile

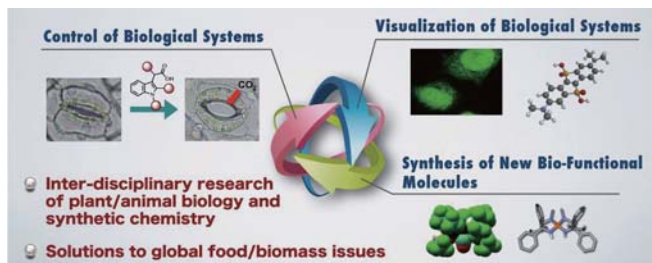
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## Institute of Transformative Bio-Molecules (ITbM)

ITbM is a WPI research center, whose goal is to create “transformative bio-molecules”, molecules that change the way we live. Through the dynamic collaboration between synthetic chemistry and animal/plant biology, ITbM aims to create a new area of research that will address urgent issues on the environment and food production.

\* WPI: World Premier International Research Center Initiative, the flagship project of the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT)



## Support for Asian Development

In contrast to Japan’s greying workforce and declining birthrate, the populations and economies of other Asian nations continue to grow. For over two decades, Nagoya University has supported many countries in the region. It has been most active in the following four areas:

- i) Legal and judicial systems (CALE: Center for Asian Legal Exchange);
- ii) Healthcare Administration (YLP: Young Leaders Program in Healthcare Administration at the Graduate School of Medicine);
- iii) Agricultural Science (Graduate School of Agriculture); and
- iv) Political, economic and educational development (Graduate School of International Development).



Uzbekistan Satellite Campus Opening Ceremony

## Women’s Empowerment

Nagoya University sets minimum quotas for women researchers in our Young Leaders Cultivation (YLC) program. We also have made it a priority to hire more women scientists (Nagoya University Women PI Scientists). To support faculty and staff with families, Nagoya University offers a daycare center and provides afterschool care. The United Nations Entity for Gender Equality and the Empowerment of Women (UN Women) recognized these efforts by selecting Nagoya University in 2015 as one of only ten universities in the world, and the only one in Japan, for the HeForShe campaign.



## The Development of Joint Degree Program

International collaborative research raises the standards of partner institutions and helps train Ph.D. students who will go on to play important roles internationally. Nagoya University has promoted internationalization of our graduate schools through the JSPS Core-to-Core Program, the Japanese-German Graduate Externship, the Campus Asia Program, and international research networks built by our faculty members. Through this experience, we introduced three Joint Degree Programs (JDPs) in close partnership with leading universities overseas. Establishing a JDP is complicated because the Ministry of Education, Sports, Science and Technology must authorize it.



The University of Edinburgh

## Nagoya University Matsuo Initiatives for Reform, Autonomy and Innovation 2020

### Education

By promoting a world-class education, we aim to foster courageous intellectual leaders that can contribute to human well-being. We are changing the relationship between Nagoya University and secondary schools.

### Research

Inspired by our Nobel laureates, we are committed to the creation & discovery of knowledge through research.

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2020

### International

We are developing a university that attracts the best students, faculty & staff from around the world & contributes to creating a more sustainable society. In particular, we seek to work closely with countries in Asia.

### University-Industry Collaboration

As a core university located in one of the world’s most dynamic industrial clusters, we conduct research and pursue innovation that contributes to value creation for betterment of society.