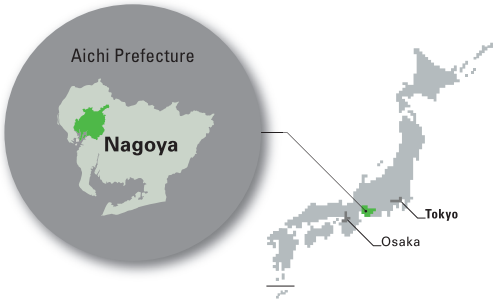
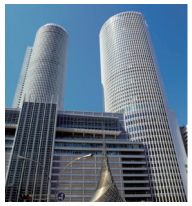
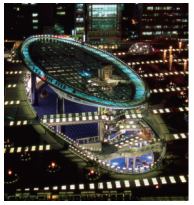


About the City of Nagoya

- Nagoya City has one of the top-ranking economies worldwide, boasting leading industries in automotive manufacturing, machinery, electronics, and ceramics.
- The Chubu area of Japan is particularly renowned as the home of three leaders, Oda Nobunaga, Toyotomi Hideyoshi, and Tokugawa Ieyasu, who unified Japan over 400 years ago, bringing an end to the "Period of Warring States."
- Nagoya Castle, originally built by Tokugawa Ieyasu and famous for the golden dolphins found on its donjon, serves as the landmark of the region.


JR Central Towers, Nagoya Station


Nagoya Castle

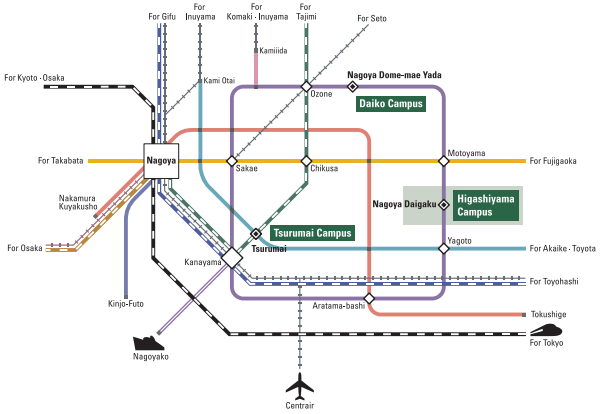

OASIS 21, downtown Nagoya


The Golden Dolphin

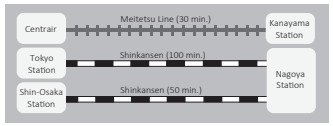

Arimatsu Shibori Matsuri (festival)


Nagoya Noh Theater

Access to Nagoya University

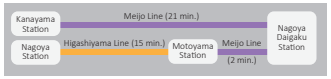


Access to Nagoya / Kanayama Station

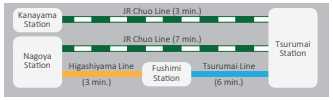


Access to Nagoya University from Nagoya / Kanayama Station

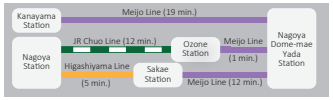
Higashiyama Campus is just off the subway exit of Nagoya Daigaku Station.



Tsurumai Campus is 5 minutes walk from Tsurumai Station.



Daiko Campus is 5 minutes walk from Nagoya Dome-mae Yada Station.



名古屋大学
NAGOYA UNIVERSITY
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学術研究・産学官連携推進本部
NIC, Furo-cho, Chikusa-ku, Nagoya, 464-8601, Japan
www.aip.nagoya-u.ac.jp/en/

NAGOYA UNIVERSITY At a Glance 2021

名古屋大学
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 the largest universities in Japan, Nagoya University has been pursuing steady development through creative research activities fostered by a free and vibrant academic culture. To further strengthen the research and education, Nagoya University is actively promoting interactivity to cultivate talented people and to develop an international human network.

Achievements & Excellence

- 6 Nobel Prize reciepients this century.
- 110th in QS World University Rankings (2020-2021).
- 32rd in QS Asia University Rankings (2020-2021).
- Among top 100 universities for 4 subjects: Chemical Engineering; Agriculture & Forestry; Chemistry; and Physics & Astronomy (QS 2021).
- Global gender equality selected as one of the 10 HeforShe University IMPACT Champions by UN Women.

Education & Research

Nagoya University is made up of 9 Undergraduate Schools, 13 Graduate Schools, 35 Research Institutes and Centers.

Undergraduate
- Humanities
- Education
- Law
- Economics
- Informatics
- Science
- Medicine
- Engineering
- Agricultural Sciences

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

Members As of May 1, 2021

Faculty 2,467
- Professors : 694
- Associate Professors : 597
- Lecturers : 302
- Assistant Professors : 721
- Research Associates : 2
- Researchers : 151

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

Students 15,806
- Undergraduate Students : 9,565
- Graduate Students : 6,115
- incl. 2,326International Students (103Countries / 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 a Nobel Prize. Among these, 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.

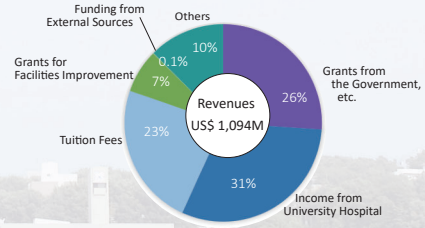

Dr. Ryoji Noyori
Nobel Prize in Chemistry (2001)
for work on chirally catalysed hydrogenation reactions

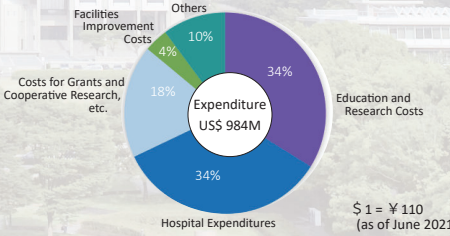

Dr. Makoto Kobayashi & Dr. Toshihide Maskawa
Nobel Prize in Physics (2008)
for the discovery of the origin of broken symmetry which predicts the existence of at least three families of quarks in nature


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


Dr. Isamu Akasaki & Dr. Hiroshi Amano
Nobel Prize in Physics (2014)
for their pioneering efforts on the blue light emitting diode, LED

Annual Budgets FY 2020





$ 1 = ¥ 110
(as of June 2021)

Reference : Nagoya University Profile
http://en.nagoya-u.ac.jp/about_nu/publication/profile/index.html

New Flagship
Research Institutes and Centers
at Nagoya University

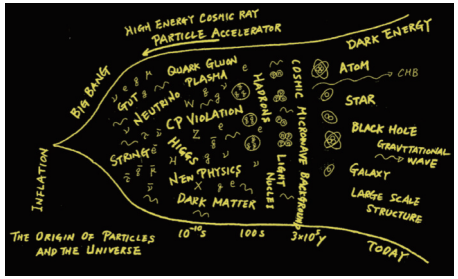
Of the seven former imperial universities in Japan, Nagoya University was founded last. Faculty at that time came to Nagoya from all over Japan; they helped students and young researchers pursue their research freely, and this academic culture has been inherited by today's generation.

It is said that the main reason for Nagoya University's surge of progress is its free and vibrant academic culture.

Kobayashi-Maskawa Institute for the Origin of Particles and Universe (KMI)

The origin of matter and the universe is a subject that humanity has long pursued. The Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI) of Nagoya University, as an international research hub for particle physics and astrophysics, is challenging this proposition by gathering the wisdom of mankind across the boundaries of specialized fields, languages, and cultures. KMI was established in 2010 to build an interdisciplinary research base for particle physics and astrophysics research at Nagoya University. At present, KMI researchers lead the world in theoretical research that goes beyond the Standard Model of particle physics. In addition, KMI researchers play a central role in international experimental collaborations seeking new physics, such as the LHC-ATLAS experiments, Super B Factory, Super-Kamiokande experiments, dark matter searches, and space observations. KMI brings together and stimulates cooperations among the human resources who research through various methods, such as theoretical research, accelerator experiments, and space observation. KMI aims to be a research organization with dynamism only possible at Nagoya University.

http://www.kmi.nagoya-u.ac.jp/eng/



Thermal history of the universe from the beginning to present.

Institute of Transformative Bio-Molecules (ITbM)

The Institute of Transformative Bio-Molecules (ITbM) was launched at Nagoya University in December 2012 and is supported by the World Premier International Research Center Initiative (WPI), the flagship program of the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT). ITbM aims to create a new interdisciplinary field of research through the collaboration of cutting-edge synthetic chemistry, animal/plant biology, and theoretical science, and to deliver bio-molecules to solve urgent problems, such as environmental issues, food production and medical technology that have a significant impact on society. ITbM has set up "Mix Labs", lab spaces where synthetic chemists and animal/plant biologists work next to each other, with theoretical scientists situated nearby to enable interactive discussions. This has led to effective mixing of research areas by facilitating the collaboration of researchers from different disciplines, and many collaborative research projects have emerged in a bottom-up manner. Recently, ITbM has defined five new flagship research challenges: parasitic plants, chemistry-enabled plant adaptation, clock diseases, chemistry-enabled live imaging, and nanocarbon chemistry and biology.

TbM' s research produces functional molecules to solve a range of issues

http://www.itbm.nagoya-u.ac.jp/

Institute of Materials and Systems for Sustainability (IMaSS)

The Institute of Materials and Systems for Sustainability carries out research in fields from materials and devices to systems toward achieving a sustainable society in harmony with the environment. It consists of the Center for Integrated Research of Future Electronics (CIRFE), the Advanced Measurement Technology Center (AMTC), the Division of Materials Research, the Division of Systems Research, two Funded Research Divisions, and 10 Industry–Academia Collaborative Chairs. Here is an introduction to CIRFE (Director: Prof. Hiroshi Amano, awarded Nobel Prize in Physics 2014). CIRFE was established in October 2015 to promote leading-edge electronics research on post-silicon materials, including gallium nitride (GaN), SiC, and carbon nanotubes and their devices as well to cultivate world-class human resources as future leaders of the electronics industry.

In December 2018, the CIRFE Transformative Electronics Commons (C-TECs) were completed. Research in university laboratories, provided courses, and industry–academia collaborative courses are carried out in the C-TECs building. In April 2019, the CIRFE Transformative Electronics Facilities (C-TEFs), equipped with the world's only clean room specialized for GaN, started operation.

Appearance of C-TEFs

C-TEFs have a well-organized environment for not only diode and transistor fabrication but also research and development on crystal growth, property evaluation, device design and processing, and vertical integration of circuits and systems. CIRFE will promote research activities at C-TECs and C-TEFs as two wheels for the rapid social implementation of next-generation semiconductors including GaN that can contribute to innovative energy saving toward realizing a carbon-free society.

http://www.imass.nagoya-u.ac.jp/en/index.html

Programs for
Nurturing Future Global Leaders
by Nagoya University

Nagoya University has implemented the Top Global University Project. In terms of research its goal is the "enhancement of cutting-edge research at a world-class level," while in terms of education it aims to "become an attractive global university."

Achieving these goals specifically in Asia, Nagoya University is determined to become an "Asian hub university."

GTR

The Graduate Program of Transformative Chem-Bio Research (GTR) aims to develop researchers who will advance interdisciplinary frontiers and create the wisdom and knowledge of the future. The program provides a practical course to acquire the true research capabilities through challenging an exciting interdisciplinary research in different research environments under the guidance of double mentors.

https://www.itbm.nagoya-u.ac.jp/gtr/en/

CIBoG

Many of challenges we face in medicine today are no longer limited to national borders as is evident from our straggles against global scale infectious diseases.

The CIBoG program aims to foster the development of researchers, administrators, and entrepreneurs with deep insight into informatics and biomedical sciences who can build a collaborative research system for big data analysis, create precision prevention systems, and promote their social implementation.

https://cibog.med.nagoya-u.ac.jp/

Joint Degree Program

The University of Edinburgh

In the joint degree program, students receive a single diploma with the names of both universities upon completion of the program and spend a predetermined period of time studying in both universities without extending their period of enrollment.

http://tgu.nagoya-u.ac.jp/en/joint/

Nagoya University Program for Academic Exchange (NUPACE)

A Scene from the NUPACE

Established in February 1996, NUPACE is an academic student exchange program through which international students enrolled at Nagoya University's partner institutions can study in Japan for four to twelve months.

http://nupace.ecis.nagoya-u.ac.jp/en/

Nagoya University Summer Intensive Program (NUSIP)

***not offered in 2020 and 2021 because of COVID19 pandemic**

Visit to National Traffic Society and Environmental Laboratory

With support and cooperation from the Japanese automotive industry and related enterprises, the Graduate School of Engineering offers a 6-week program entitled "Latest Advanced Technology & Tasks in Automobile Engineering."

http://www.engg.nagoya-u.ac.jp/en/nusip/index.html

DII

The DII Collaborative Graduate Program is designed for graduate students in Engineering to cultivate people who can shorten the time to achieve innovations, which has conventionally taken 30 years, to within 10 years. Three kinds of students namely aiming to become entrepreneurs, industrial engineers, or researchers, will be developed. The Faculty highly expects that peoples with the DII degree will become world leaders solving global issues and improving people's lives.

https://www.dii.engg.nagoya-u.ac.jp/en/

TMI

TMI is a new graduate program aiming at cultivating "Transdisciplinary Mobility human resources" who will contribute efforts to create "mobility" with high social values. Participated by 6 graduate schools and 7 centers, we have structured an outstanding 3-layer curriculum through which students, working in expert teams, will develop transdisciplinary collaborative ability consisting of 5 core abilities, namely, Specialized Research Ability, Broad View/Problem Finding Ability, Value Co-Creation Ability, Challenge/Resilience, and International Outlook.

https://www.tmi.mirai.nagoya-u.ac.jp/en/

The Nagoya University Global 30 International Programs

A Scene from the G30 Program

The Nagoya University Global 30 International Program offers undergraduate and graduate full-programs taught in English, aiming to provide a world-class education to high achieving students worldwide, regardless of their Japanese proficiency.

http://admissions.g30.nagoya-u.ac.jp/

Nagoya University Short-Term Japanese Language Program (NUSTEP)

A Scene from the NUSTEP

NUSTEP offers two weeks of intensive Japanese classes aiming to promote a greater understanding of Japanese culture and society. Participants will join special lectures by faculty and visit some laboratories on campus.

http://ieec.iee.nagoya-u.ac.jp/ja/nustep/index.html

Nagoya University Overseas Take-off Intensive (NU-OTI)

A Scene from the NU-OTI

This program designed for graduate students of the School of Engineering aims to cultivate future deployers, innovators and investigators who can shorten the time to realize innovation.

http://ieec.iee.nagoya-u.ac.jp/en/abroad/kokan.html