

KYUSHU UNIVERSITY

OVERVIEW

Driving social change with
integrative knowledge



Welcome to KYUSHU UNIVERSITY

Kyushu University was established in 1911 as the fourth imperial university after Tokyo, Kyoto, and Tohoku. Kyushu University has four main campuses with approximately 19,000 students and 8,000 faculty and staff. Currently, our university has 12 undergraduate schools, 20 graduate schools, and our university hospital and library are among the largest in Japan.

Through bold and progressive reforms, along with our commitment to guarantee international educational standards, we strive to be a top-level education and research hub ready to address future challenges. We aspire to be a university that attracts excellent researchers and accelerates research and innovation leading to new value creation. We aim to use integrative knowledge that fuses the entire spectrum of knowledge—from the natural sciences to the humanities, social sciences, and even design—to solve social problems and forge new social and economic systems. In short, we aim to be a university that drives social change with integrative knowledge.

Greetings

Driving social change with integrative knowledge

Kyushu University was recognized as a Designated National University Corporation by the Minister of Education, Culture, Sports, Science and Technology (MEXT) in November 2021 for our capacity to develop research and educational programs at the highest global standards. Seizing this opportunity, we established Kyushu University VISION 2030, aimed at addressing social challenges.

Since our founding in 1911, Kyushu University has fostered the pursuit of knowledge in a free and open academic environment, placing great value on creativity and diversity. The university is also well-equipped to embrace a diverse student body with several different admission processes and our unique scholarship system.

United in our efforts, we are committed to providing world-class education and research that attracts students and researchers alike. At the same time, we aim to stand alongside the world's most competitive universities and drive social change with integrative knowledge, grounded in the wisdom gained throughout our history and tradition.



Kyushu University President

Tatsuro Ishibashi

CONTENTS

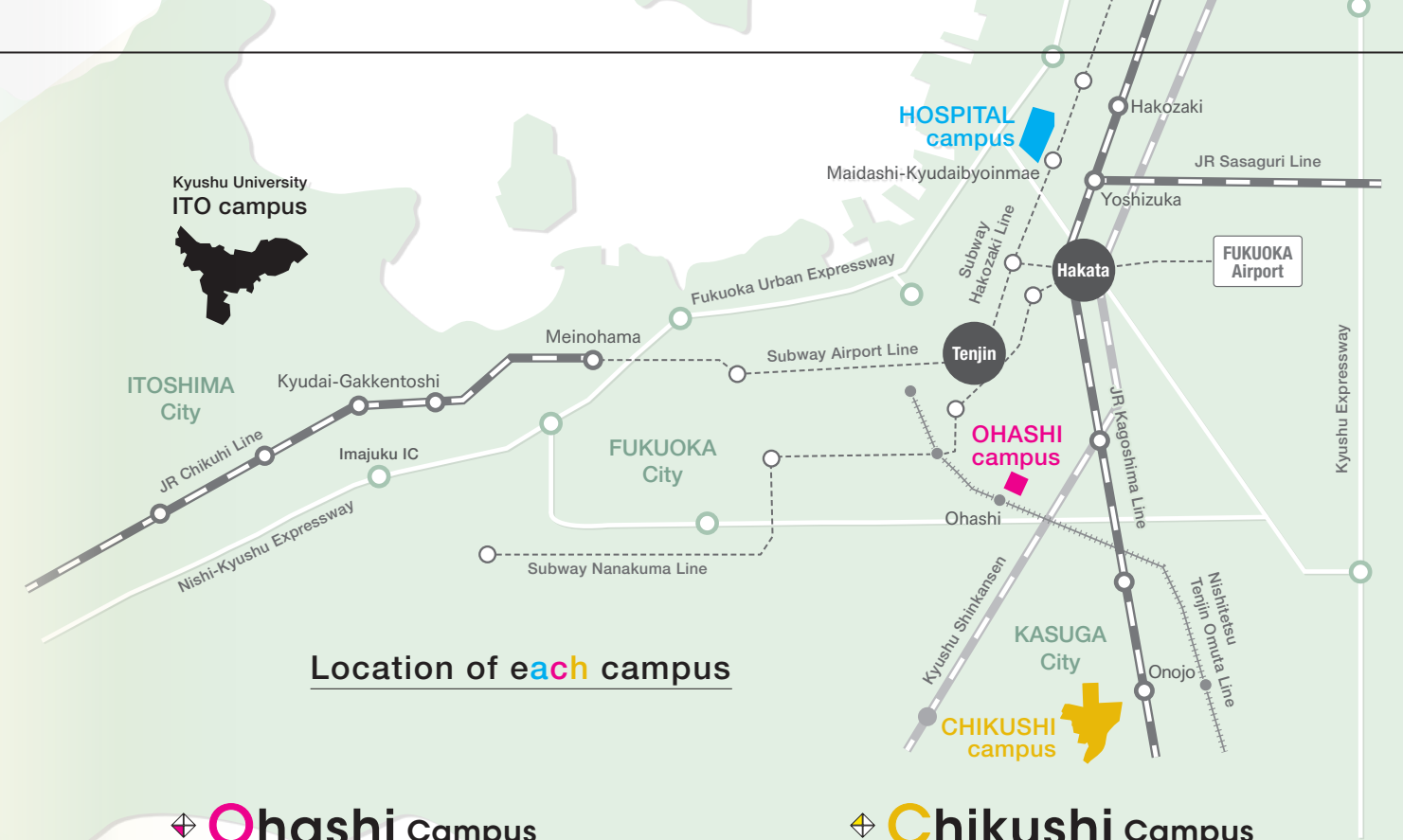
Introduction / Greetings	1-2
Campus overview	3-4
Research	5-8
Education	9-10
At a glance	11-12
School life	13-14

Campus overview

Four campuses with unique characteristics

Kyushu University, located in Fukuoka City*—a thriving gateway to Asia—comprises four main campuses, each with a specialized focus. Ito Campus serves as a hub for integrated science and experimental research. Hospital Campus is central to life and medical sciences. Chikushi Campus focuses on the fusion of cutting-edge sciences, and Ohashi Campus centers around innovative design. Each campus engages in unique research and education initiatives.

*Excluding certain facilities.



Location of each campus

Ito Campus

Center for integrated science



Relocation of the main campus from Hakozaki to Ito began in 2005 and was completed in 2018. At present, it is the largest campus of Kyushu University, home to approximately 18,000 students and faculty members. The campus stands as a unique "comprehensive research center," boasting coexistence with the natural environment. The campus's research and development in hydrogen energy and fuel cells provides a model for a near future society.



● Ito Campus
744 Motooka Nishi-ku, Fukuoka, Japan 819-0395

Hospital Campus

Center for life and medical sciences



The Hospital Campus serves as an education, research, and medical treatment hub, housing medical departments and the Kyushu University Hospital. The hospital not only trains medical personnel but also develops and provides advanced medical treatment. Since 1995, it has been recognized as a Special Functioning Hospital* by the Ministry of Health, Labour and Welfare. The hospital also operates a branch, Kyushu University Beppu Hospital, in Beppu, Oita.

*A Special Functioning Hospital, approved by the Ministry of Health, Labour, and Welfare, is a medical institution capable of providing advanced medical care, developing innovative medical technology, and offering specialized training, all of which are beyond the capabilities of regular medical facilities.



● Hospital Campus
3-1-1 Maidashi Higashi-ku, Fukuoka, Japan 812-8582

Ohashi Campus

Center for innovative design



The Ohashi Campus is an education and research hub for design, integrating art and scientific technology. The campus is home to the School of Design, which was established in 2003 after the integration of the Kyushu Institute of Design into Kyushu University. The School of Design boasts one department with five courses, while the Graduate School of Design offers one major with six courses, all aimed at nurturing the next generation of creative talent in design.



● Ohashi Campus
4-9-1 Shiobaru Minami-ku, Fukuoka, Japan 815-8540

Chikushi Campus

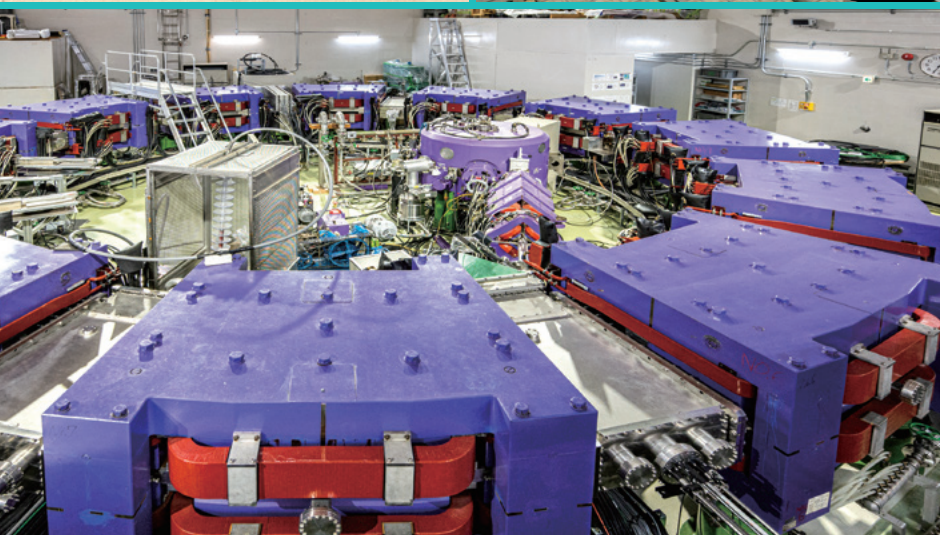
Center for cutting-edge sciences



The Chikushi Campus is an education and research hub with a variety of research facilities. It conducts advanced research with the aim of realizing a society in harmony with materials, the environment, and energy. The campus is home to the Interdisciplinary Graduate School of Engineering Sciences, which was established as an independent graduate school without an undergraduate school.



● Chikushi Campus
6-1 Kasuga-koen Kasuga-shi, Fukuoka, Japan 816-8580



At Kyushu University, around 2,400 researchers engage in dynamic research in an atmosphere of academic freedom.

Kyushu University's strength lies in its collaborative research environment, where researchers from diverse fields—including the humanities, social sciences, natural sciences, and design—work together across traditional disciplinary boundaries. The Integrated Initiative for Designing Future Society acts as Kyushu University's central hub for solving social issues. This initiative is committed to shaping an ideal future by applying backcasting to identify and solve the issues that stand in the way.

Integrated Initiative for Designing Future Society



Entry points leveraging strengths and distinguishing features

Among the wide range of research fields, we have identified three key entry points that leverage our strengths and distinguishing features to address social issues: decarbonization, medicine and health, and environment and food. We have begun initiatives to address these three issues in Fukuoka and across Kyushu and we are now expanding our efforts to other regions of Japan, Asia, and the world. Notably, in the field of decarbonization, Kyushu University is home to the world-leading International Institute for Carbon-Neutral Energy Research (I²CNER).

Entry points



Decarbonization

- Hydrogen for energy storage
- Carbon capture and utilization
- Models for local renewables
- Rethinking of energy society
- Regional collaboration



Medicine & Health

- Transomics protocols
- Telemedicine system
- Precision medicine disease panel
- Future medicine proposals
- DX utilization



Environment & Food

- Microplastics forecasts
- Mitigation of climate forcers
- IP strategies for bioresources
- Smart agriculture
- Insect resources and acceptance



[Wind Lens Turbine]

Gaining attention in Japan and abroad as a promising next-generation energy solution for achieving a low-carbon society and ensuring a stable energy supply.

Research

Decarbonization



Leading the charge towards a carbon-neutral society

The International Institute for Carbon-Neutral Energy Research (I²CNER) focuses on research to advance technologies for more efficient CO₂ capture and conversion into valuable materials, with an emphasis on carbon capture and utilization (CCU). Professor Shigenori Fujikawa, from I²CNER, serves as the project manager for a Moonshot Research and Development Project*. Fujikawa is leading the development of a Direct Air Capture and Utilization (DAC-U) system that seamlessly integrates CO₂ capture from the atmosphere with its conversion into carbon fuel. His research is helping

*The Moonshot Research and Development Project is a national initiative that sets ambitious goals to tackle significant social challenges.

advance the development of a nano-separation membrane with the world's highest CO₂ permeability, designed to capture CO₂ and reuse it in a new carbon cycle.

Associate Professor Andrew Chapman from the I²CNER focuses on the whole energy system, from a technological, economic, environmental, and social point of view. His overall goal is to establish the key influencing factors of a sustainable and fair society with a reliable, resilient energy supply.



Revolutionizing the world of energy without burning fossil fuels

Distinguished Professor Kazunari Sasaki at the Faculty of Engineering is pioneering the development of hydrogen energy technologies, which are expected to

be crucial for achieving a low-carbon society. At Ito Campus, Kyushu University is training some of the world's most advanced experts in hydrogen energy and integrating basic scientific research with industry-academia collaborations, attracting many government officials and visitors from abroad.



Medicine and Health

At the core of advanced medical care in Kyushu

Kyushu University Hospital is a central hub for advanced medical care in western Japan, both as a Core Clinical Research Hospital and as a Core Hospital for Cancer Genomic Medicine. We provide our patients with cutting-edge medical treatment in a safe and secure environment.

Innovations in telemedicine and community healthcare



Kyushu University Hospital contributes to global health by using digital technology for education and medical services. We are developing tailored telemedicine solutions that meet regional healthcare needs to reduce global medical inequality through digital transformation. Lecturer Kuriko Kudo from Kyushu University Hospital engages in international telemedicine education and research. Kudo is also involved in developing innovative educational programs that



integrate medicine and design, and is driving their international expansion. For example, students in this program are addressing the low uptake of antenatal care in developing countries from a design perspective. This highlights Kyushu University's distinctive strength as a comprehensive institution uniquely housing both medical and design faculties.

Medical-engineering collaboration

Kyushu University conducts research into using new engineering technologies in the field of medicine. Distinguished Professor Yoko Yamanishi of the Faculty of Engineering, who has developed a needle-free bubble injection device, is the project manager for a Moonshot Research and Development Project. The project conducts research into constructing intracellular cybernetic avatars (intracellular CAs). When perfected, the intracellular CAs could be controlled remotely to monitor conditions inside the human body. This project envisions a society where everyone's health can be monitored by remote control of intracellular CAs.



Development of technologies for new infectious diseases

Kyushu University is home to some of Japan's top insect researchers, who are exploring the application of insects in medical research. For over 100 years, Kyushu University has maintained and managed various silkworm strains for research purposes. Under the leadership of Distinguished Professor Takahiro Kusakabe at the Faculty of Agriculture, we have been using silkworms to develop proteins as vaccine candidates, which play a key role in next-generation vaccine development.



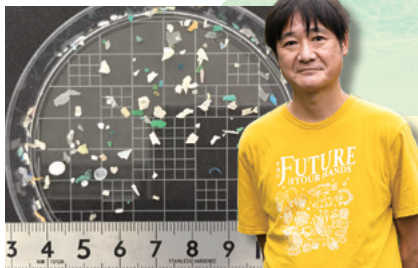
Environment and Food



Solving the marine litter problem

The Center for Ocean Plastic Studies, led by Distinguished Professor Atsuhiko Isobe at the Research Institute for Applied Mechanics, engages in research on marine plastic pollution around the world. The institute has developed the world's first model to predict the floating and stranded quantities of plastic debris and microplastics in the global oceans. This model sets quantitative goals to achieve zero additional marine plastic pollution by 2050, as outlined in the G20 Osaka Blue

Ocean Vision, including a 32% reduction in plastic outflow. It provides theoretical evidence for the Japanese government to present to the Intergovernmental Negotiating Committee discussing plastic reduction.



Next-generation agriculture using the largest on-campus farm in Japan

The Kyushu University Farm at Ito Campus is the largest on-campus farm in Japan. Its vast area is utilized for a wide range of research activities. Led by Professor Yushi Ishibashi at the Faculty of Agriculture, the farm is also focused on developing and commercializing next-generation agricultural technologies that aim to achieve high-yield, high-value food production with minimal pesticide and fertilizer use. It seeks to balance enhanced food production capacity with environmental sustainability, contributing to the resolution of global food challenges.



Strategy for attracting and fostering outstanding researchers

Kyushu University is equally committed to training talented early-career researchers. Kyushu University Institute for Advanced Study, dedicated to promoting advanced research across many departments, has established the Inamori Frontier Program. This program offers talented young researchers an independent environment to pursue creative and ambitious projects and helps foster the next generation of top-tier researchers. The university actively promotes the Diversity and Super Global Training Program for Female and Young Faculty (SENTAN-Q), which caters to promising female and young faculty members who

have demonstrated exceptional research achievements. This two-year international training thoroughly equips participants with world-class research skills, fostering their development into globally competitive faculty members.



Inamori Frontier Program

SENTAN-Q





Kyushu University's first president, Professor Kenjiro Yamakawa, once said, "Do not content yourself merely with mastering the secrets of your chosen specialism and having only a passing knowledge of everything else; you cannot call yourself a rounded person without an extensively cultivated mind." We cherish these words and remain committed to advancing education that generates integrative knowledge.

Education

Education for future leaders

Kyushu University is promoting comprehensive educational reforms that include connecting with high schools along with many other programs that support undergraduate, master's, and doctoral students. These programs are aimed at nurturing talented and promising students, who have the potential to achieve success on the global stage.



Unique high school programs to foster outstanding future leaders

To forge closer ties between high school and university, we are strengthening the Kyushu University Research Internship in Engineering and Science (QURIES) Program, a science internship system for female high school students. Additionally, we are enhancing the Kyushu University Future Creators in Science Project (QFC-SP), designed to prepare the next generation of outstanding scientific and technological talent for global success.

Initiatives in undergraduate programs

In the undergraduate programs, we emphasize education that fosters new perspectives and ideas in problem discovery, problem-solving, and value creation. In first-year KIKAN general education courses, students from different majors collaborate in an interactive learning environment, developing logical thinking skills and creative, critical approaches to reproducing knowledge, ultimately aiming to create "integrative knowledge." In April 2018, Kyushu University established

the School of Interdisciplinary Science and Innovation, built on the concept of "co-creation," to foster collaboration among diverse individuals to integrate perspectives and academic insights to generate new ideas. This initiative aims to cultivate individuals capable of driving innovation in an ever-evolving global society.

Advancements in interdisciplinary graduate school education

Our approach to interdisciplinary education continues at the graduate level as well.



GPMI

The flagship model of Kyushu University's interdisciplinary degree programs is the Graduate Program of Mathematics for Innovation (GPMI), centered on the graduate schools of Mathematics, Information Science and Electrical Engineering, and Economics. With collaboration from faculty across various disciplines, this program provides a curriculum for doctoral candidates in mathematics, encouraging interdisciplinary connections and driving innovation. In April 2025, we launched the Joint Graduate School of Digital Humanities. Our aim is to foster highly specialized cross-disciplinary professionals who possess both a humanities perspective and expertise in data analysis, artificial intelligence, and related fields in information science.

Support for aspiring doctoral students

Kyushu University launched the Support for Pioneering Research Initiated (K-SPRING) project in 2021 to nurture

talented and motivated doctoral students undertaking innovative research. In 2024, it was renewed as the K²-SPRING project. K²-SPRING offers financial support to exceptional students who demonstrate the willingness and ability to contribute directly to the creation of science, technology, and innovation in Japan. The program allows them to engage in independent, challenging, and interdisciplinary research beyond traditional frameworks, guiding them toward becoming doctoral candidates equipped to excel in diverse career paths.



SPRING

Talent development initiatives

Strengthening the connection between high school and university

- I. ▶ Kyushu University Future Creators in Science Project (QFC-SP) (2014-)
- ▶ Kyushu University Research Internship in Engineering and Science (QURIES) Program, a science internship program for female high school students (2021-)



Kyushu University
Future Creators in
Science Project
Japanese only



QURIES Program
Japanese only

Facilitating the undergraduate to doctoral progression

- II. • Promoting pre-schedule course completion
- Encouraging top students to graduate or complete courses early
- ▶ K-SPRING "Future-Creation (MIRAI) Course" (October 2021-)
- ▶ Joint Graduate School of Digital Humanities (April 2025-)



Future-Creation
(MIRAI) Course



Joint Graduate
School of Digital
Humanities
Japanese only

PhD career path support

- III. ▶ Supporting diverse job development and matching
 - ▶ Graduate Program of Mathematics for Innovation (GPMI) (April 2020-)
- FY2023 Interim Evaluation Result by Japan Society for the Promotion of Science (JSPS): S



Graduate Program
of Mathematics for
Innovation

Post-doctoral follow-up

- IV. • Enabling further education through postdoctoral work, minor programs, or international study
- Granting a "Digital Study Certificate (Open Badge)" to graduates of specific programs

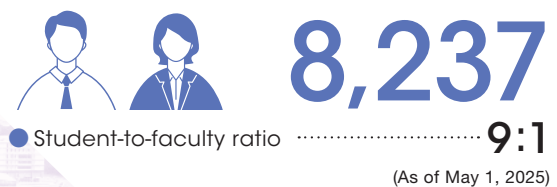
At a glance

Kyushu University by the numbers

Students



Academic faculty and staff



Schools



Total campus area The third largest campus in Japan!



Graduate research faculties



Total research funding



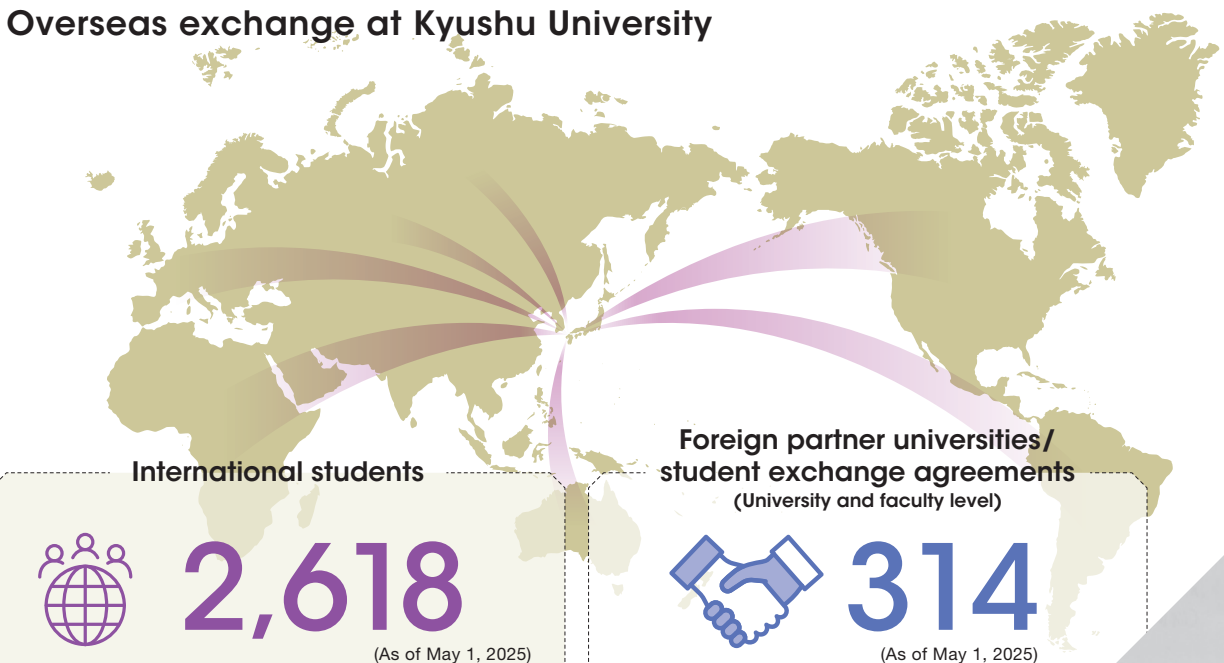
University library



University hospital beds



Overseas exchange at Kyushu University



History of Kyushu University

- 1903 Fukuoka Medical College established

1911

Kyushu Imperial University established

To become the fourth Imperial University after Tokyo, Kyoto, and Tohoku

- 1919 Colleges reorganized into School of Medicine and School of Engineering School of Agriculture established
- 1924 School of Law and Letters established
- 1939 School of Science established
- 1947 Renamed as Kyushu University

1949

School of Law, School of Economics, and School of Letters established

Relaunched under a new educational system as Kyushu University

School of Education established

- 1961 50th anniversary
- 1964 School of Pharmaceutical Sciences established
- 1967 School of Dentistry established
- 1968 Kyushu Institute of Design established

- 2000 System of graduate schools and faculties established
- 2003 Integrated the Kyushu Institute of Design School of Design established
- 2004 Established as a National University Corporation

2005 Ito campus opens

- 2011 First centennial anniversary
- 2012 Ceremony commemorating the Centennial anniversary
- 2018 School of Interdisciplinary Science and Innovation established Construction of Ito Campus completed

2021

Established as a Designated National University Corporation

School life



Learn more about Kyushu University

• Publications



We offer several publications that provide insights into Kyushu University. These include the “At a Glance” booklet, which details our history, organization, student enrollment, and other information, and our official Public Relations magazine “CONNECT.” Many of these publications are updated yearly, making this the perfect source for the latest information.

Scan here!



• Kyushu University VISION 2030



Kyushu University VISION 2030 outlines our path to transform Kyushu University into a “university that drives social change with integrative knowledge.” We are working together to promote new initiatives based on this vision.

Scan here!



• For prospective students



Besides details on both undergraduate and graduate admissions, this page offers essential information for parents, including enrollment fees, admission tuition, and scholarships.

Scan here!



The Kyushu University Fund



Your support through donations makes Kyushu U Stronger!

The Kyushu University Fund supports not only research and education but also facility development and extracurricular activities, thereby promoting the activities of students and researchers. Kyushu University, as a university offering world-class education and research that attracts many students and researchers, thrives on the support of many people.

Scan here!

