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# Message from the President

umamoto University has formulated the "Kumamoto University Initiative 2030" with the aim of becoming a hub for education and research that is open to both the local community and the world, and that contributes to society through co-creation. The university is committed to three core principles: "a university that continuously disseminates information," "a university that remains visible from the outside," and "a university that listens to external voices and continues to evolve." By collaborating with a wide range of stakeholders, Kumamoto University seeks to make meaningful contributions locally, socially, and globally.

As part of this initiative, the university has been selected for the "J-PEAKS" program (Program for Forming Japan's Peak Research Universities) starting in fiscal year 2025. With a 10-year vision of becoming "a research and education university that leads the development of a model city for semiconductor integration and attracts diverse talent from around the world," Kumamoto University is accelerating semiconductor research, promoting social co-creation studies, and strengthening its research support systems. The completion of the new research building "SOIL (Semiconductor Open Innovation Laboratory)" and the education building "D-Square" further enables collaborative research through open innovation with industry partners and the cultivation of advanced talent in information and semiconductor fields.

Meanwhile, the university's lush green campus is home to four nationally designated Important Cultural Properties, including the Memorial Museum of the Fifth High School. It also features the Higo liku Museum (Medical Education Museum), which introduces figures such as Shibasaburo Kitasato—whose portrait appears on the 1,000-yen bill and who studied at the predecessor of Kumamoto University's Faculty of Medicine, the Furushiro Medical School—as well

#### OGAWA Hisao President of Kumamoto University

as the Kumayaku Museum, which includes a medicinal plant garden. These facilities comprise the foundation of the university's Campus Museum Initiative, which aims to transform the entire campus into a museum-like environment.

Founded in 1887 (Meiji 20), Kumamoto University inherits the history and traditions of the Fifth High School (Goko), where renowned figures such as Lafcadio Hearn and Natsume Sōseki once taught. While honoring this legacy, the university continues to pursue reform with agility in response to changes in national, societal, and global contexts.







"Forest of Creative Power, Blaze of Challenging Spirit"

Kumamoto University (KU), a globally active research university with roots in local communities, has adopted a motto that symbolizes the university's unique attributes and expresses its essential quality: "KU Spirit."

## **V**ISION

Kumamoto University aims to contribute to the community and global society by cultivating intelligent, moral, and skillful people, while working for the creation, inheritance, and development of knowledge, following the spirit of the Fundamental Law of Education and the School Education Law.

## GOALS

#### **Education**

In order to cultivate unique, creative people, the university provides a comprehensive education based on a consistent philosophy followed by all of our undergraduate departments and graduate schools.

Our undergraduate departments, with the help of a broad education, inculcate in students the abilities of international communication, adapting to the information age, and thinking and acting independently.

Our graduate schools cultivate highly specialized workers with comprehensive reasoning ability, technical knowledge, and internationally recognized skills, in addition to deep insight into humankind and nature, on the basis of the undergraduate education that our student receive.

As an institution that is open to the public, the university offers a place where people can engage in lifelong learning.

#### Research

The university strives to protect and develop humankind's cultural heritage, while enhancing its capabilities to function as a center of advanced academic research and proactively promote cutting-edge, creative academic research.

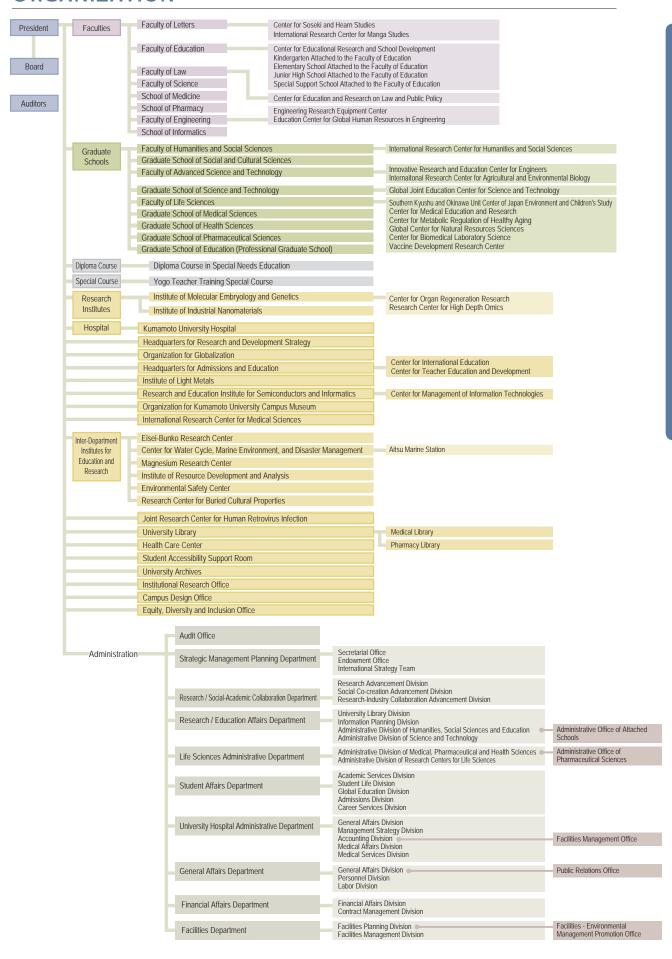
In addition, by making use of its unique features, comprehensively deepening knowledge in the fields of human science, social science, and natural science, as well as promoting interdisciplinary research, Kumamoto University is working to contribute to the harmonious coexistence of humans and the environment, as well as sustainable societal development.

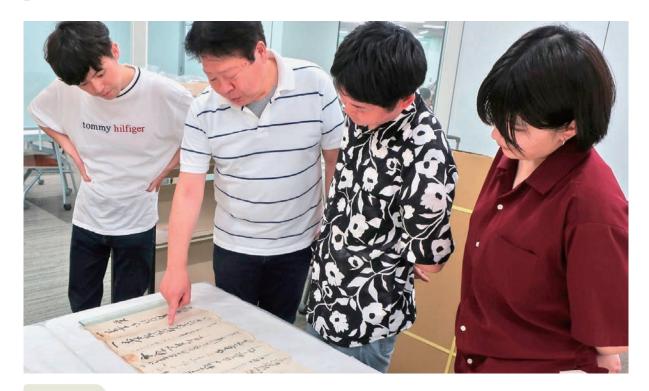
#### Contributions to local and global communities

As a university located in a regional hub city, the university will strengthen its cooperation with the local community and serve the functions of being a central research facility and cultivating leaders in the local community. By striving to convey our academic culture to the world, the university will contribute to the promotion of local industry and to advancing the provision of information about the culture.

In addition, the university strives to promote international intellectual exchange, educate international students, and train graduate students capable of producing a bilateral international exchange.

## **ORGANIZATION**





#### **Faculty of Letters**

- Department of Integrated Human Studies
  Human Sciences, Socio-human Studies, Regional Science
- **Department of History**Japanese History and Archaeology, the Modern World System
- Department of Literature

  East-Asian Languages and Literature, Euro-American Languages and Literature, Multicultural Studies
- Department of Communication and Information Studies

  Communication and Information Studies, Contemporary Cultural Resource Studies

#### Faculty of Letters

The Faculty of Letters was established in May 1949 as part of the new Faculty of Law and Letters. This faculty was then split into the Faculty of Law and the Faculty of Letters in 1979. The education and research framework of the Faculty of Letters consists of four educational departments, which are the Department of Integrated Human Studies, the Department of History, the Department of Literature, and the Department of Communications and Information Studies. The Faculty welcomes 170 new students each year. Approximately 70 faculty members are conducting academic research in a broad number of areas, including the humanities, social studies, and cultural studies.

The Faculty's research activities include aspects of the history and social problems specifically related to Kumamoto prefecture. The Eisei-Bunko Research Center, an interdepartment institute of Kumamoto University since 2017, was originally established as an affiliate institute of the Faculty of Letters in 2009. The purpose of the Center is to enable analysis of the scholarly values of historical materials in the Hosokawa clan's centuries-old collection, and to promote academic advances of its research.

#### ■Institution

#### Center for Soseki and Hearn Studies

Center for Soseki and Hearn Studies attached to the Faculty of Letters (established December 2017) aims to create an organization dedicated to the comprehensive research of Natsume Soseki and Lafcadio Hearn, focusing mainly on Kumamoto University's own collection, coordinating with cultural administrative organizations to promote cultural advancement in the region, and using these activities to train professional researchers who will contribute to research in the humanities and social studies as well as cultural promotion.

#### **International Research Center for Manga Studies**

International Research Center for Manga Studies attached to the Faculty of Letters (established October 2022) aims to play a central role in the concept of "Manga Prefecture Kumamoto" through collaboration between industry, government and academia, and at the same time to become a leading research institution in Media Arts and contemporary culture research at home and abroad, by establishing a centre for research in Media Arts with a focus on Manga.

URL: http://www.let.kumamoto-u.ac.jp/en/



#### Faculty of Law

- **Department**Department of Law
- Courses

  Law•Public Policy,

  Advanced•Leader

#### Faculty of Law

Kumamoto University's Faculty of Law has several characteristics. First, it offers a wide range of subjects that allow deep learning about normative law and legal judgments, including foundational law, public law, civil law, criminal law, social law, and international relations law. The offering of subjects across all areas related to law is possible because it operates under the banner of 'Faculty of Law.' Furthermore, to cultivate human resources equipped with the ability to analyze legal disputes that may arise in society and solve issues, the faculty provides courses in political science and economics while centering on law, enabling students to systematically study social sciences. The degree awarded upon graduation is a 'Bachelor of Laws,' but the study of law here is unique and unparalleled compared to other universities.

The history of the Faculty of Law at Kumamoto University can be traced back to the Meiji period's Fifth Middle School and then to the Fifth High School that succeeded it. Its school spirit is represented by 'Goki Bokutotsu,' which signifies a firm heart and simplicity. The location of our faculty remains as it was when the spirited students of Ryunan walked around in their traditional geta sandals. In this land rich in tradition and nature, the Faculty of Law at Kumamoto University aims to contribute to the development of the foundational physical strength of those who aspire to study law.

URL: http://www.law.kumamoto-u.ac.jp/en/

#### ■Institution

# Center for Education and Research on Law and Public Policy in Kumamoto(LPERC)

LPERC stands for the Center for Education and Research on Law and Public Policy in Kumamoto. It was established on April 1, 2022 as a base for the Kumamoto University Faculty of Law to address social issues in Kumamoto.

Speaking of the general style of education at law school in Japan, each faculty has his/her own specialized fields. Based on their specialized knowledge, research area and courses are offered. While this general system helps to provide universal quality education for all law students across Japan to cultivate and deepen knowledge in specialized fields, this could lead to a homogenizing of learning. That is to say, Kumamoto University Faculty of Law must devote its efforts on cultivating creativity and uniqueness for our education and research.

Given that, LPERC aims to establish a new research method called practical social science, in which multiple faculty members collaborate to conduct research on social issues that have arisen in Kumamoto, benefiting from each faculty member's specialized subjects. Our research outcomes and findings would be utilized to improve student learning at the Faculty of Law and Graduate School of Law of Kumamoto University, as well as improving students learning of high school students with mock lectures through high school-college collaboration projects and that of Kumamoto's citizens through civic engagement symposium. By doing this, LPERC aims to foster originality in education and research at the Faculty of Law and Graduate School of Law, Kumamoto University.

## ■ GRADUATE SCHOOL OF **SOCIAL AND CULTURAL SCIENCES** ■社会文化科学教育部 ■



#### Graduate School of Social and Cultural Sciences

- Master's Program is composed of:
   Division of Law, Policy and Conflict Resolution Studies
   Division of Modern Social Human Studies
   Division of Cultural Science Studies
   Division of Instructional System Studies
- Doctoral Program is composed of: Division of Human and Social Science Studies Division of Cultural Science Studies Division of Instructional System Studies

#### Graduate School of Social and Cultural Sciences

The former Graduate School of Social and Cultural Sciences was established in April 2002, which offered a three-year independent, interdisciplinary and comprehensive Doctoral Program based on a wide range of fields given in the Faculty of Letters and the Faculty of Law. The Division of Instructional System Studies (Master's Program), which was designed to foster e-learning professionals, was founded in April 2006. In April 2008 was established the present Graduate School of Social and Cultural Sciences (GSSCS) which consists of Master's Program and Doctoral Program, by reorganizing the former Graduate School of Social and Cultural Sciences (Doctoral Program), Graduate School of Letters (Master's Program), Graduate School of Law (Master's Program), and Division of Instructional System Studies.

The Master's Program of the GSSCS is composed of four divisions: Division of Law, Policy and Conflict Resolution Studies; Modern Social Human Studies; Cultural Science Studies; Instructional System Studies. The first three divisions offer three, four and seven courses respectively: Law, Policy and Conflict Resolution Research Course, Law and Public Policy Practice Course, Conflict Resolution Practice Course; East-Asian Business Communication Specialist Course, Advanced Ethics Research Course, Field-Research Research

Course, Cognitive Philosophy and Psychology Research Course; Cultural-Administration and Curator Specialist Course, High School Japanese-language Teaching Specialist Course, English-language Education Specialist Course, History Research Course, Japanese and East-Asian Culture Research Course, Euro-American Culture Research Course, and Contemporary Cultural Resources Research Course.

The Doctoral Program aims to foster highly specialized professionals and researchers. It comprises three divisions: Human and Social Science Studies, Cultural Science Studies, Instructional System Studies. The first two divisions offer six and four fields respectively: Public Policy Studies, Legal Studies, Conflict Resolution Studies, Advanced Ethics Studies, Field-Research Studies, Cognitive Philosophy and Psychology Studies; English-language Pedagogy Studies, History Studies, Japanese and East-Asian Culture Studies, Euro-American Culture Studies. The Master's and the Doctoral Programs are open to working people and overseas students, as well as those who go on to it from the Master's Program.

URL:http://www.gsscs.kumamoto-u.ac.jp/en/



Following the establishment of the Faculty of Life Sciences and the Faculty of Advanced Science and Technology, which arose from the process of a stricter selection focusing on research fields in the graduate school, the Faculty of Humanities and Social Sciences was established on April 1, 2017 by reorganizing the Faculty of Letters, the Faculty of Law, the Graduate School of Social and Cultural Sciences, and the School of Law.

The establishment of the Faculty of Humanities and Social Sciences means that university teaching staff are effectively allocated among the three fields of life sciences, natural sciences and human/social sciences. This realignment makes it possible to work through the rapid population decline among youth and to meet the growing needs of globalization. It also makes it possible to readjust education programs more flexibly, thereby ensuring a quality academic education.

The Faculty of Humanities and Social Sciences aims to contribute academically with practical relevance to community vitalization, to construct a research hub for human and social science studies in order to actively produce worldwide scholarly achievements, and to promote global level research through active collaboration among members of the human/social science and legal fields. In human science fields such as psychology, history and sociology in particular, the Faculty also intends to augment relationships and cooperation with overseas colleges and universities and bring about greater research achievements internationally, thereby shifting conventional academic culture studies to a more invigorating course infused with international cooperation.

The Faculty is also contributing to the field of conflict resolution by consolidating the research resources of humanities, law and policy in order to establish a solid foundation of international standards in research, and to develop practical areas of research that will be able to respond to the various demands of society.

#### ■Institution

#### International Research Center for Humanities and Social Sciences

The International Research Center for Humanities and Social Sciences (IRCHSS) was established in 2020 as a project based research organization affiliated with the Faculty of Humanities and Social

Sciences for the global and local promotion of research activities in selected fields where ongoing research by the faculty members has had significant achievement and deserves international recognition. The initial two projects of the Center are New Approaches to Theories and Methods of Historical Document and Artifact Analysis and Research Resource Archives for Interdisciplinary Studies.

# FACULTY OF EDUCATION

■ GRADUATE SCHOOL OF **EDUCATION** (Professional Graduate School) ■ 教育学研究科(教職大学院) ■



#### **Faculty of Education**

#### ■ Course

Teacher Training for School Education

#### ■ Programs(Major)

Primary and Secondary Education Program, Special Needs Education Program, School Health Teacher Education Program

#### ■ Programs(Minor)

Japanese, Social Studies, Mathematics, Sciences, English, Music, Art, Health and Physical Education, Technology and Engineering, Home Economics, Special Needs Education, Educational Studies, Psychology

#### Graduate School of Education (Professional Graduate School)

Professional and Developmental Course in School Education

#### Faculty of Education

The Faculty of Education was established in May 1949 under the new Kumamoto University system. It originated from schools such as the Kumamoto Teacher's High School created in 1874.

Teacher Training Course for School Education in the Faculty of Education currently has three programs: 1)Primary and Secondary Education Program; 2)Special Needs Education Program; and 3)School Health Teacher Education Program.

In addition, at the Center for Educational Research and School Development, students can receive advice on matters related to educational practice, particularly what to do when problems occur on the job. The Center also engages in practical research.

#### URL: https://kurokami.educ.kumamoto-u.ac.jp/

#### ■Institution

#### Center for Teacher Education and Development

The Center analyzes and seeks practical solutions to the problems that arise in education. It also conducts research on what types of classes and curricula meet contemporary needs. To achieve these aims, it has established an Education Clinic Division and an Education Curriculum Division. It also develops comprehensive, practical activities in cooperation with related organizations.

URL: https://www.educ.kumamoto-u.ac.jp/~jissen/

#### **■**Special Courses

#### Diploma Course in Special Needs Education

This course is geared toward incumbent teachers as well as current students from Kumamoto University and toward students with a BA degree or higher from other universities. Through specialized instruction in special needs education, the course helps students to fulfill the requirements for their teaching certificate in Special support Education.

#### Yogo Teacher Training Special Course

This course is meant to produce highly qualified Yogo teachers. It is designed for those who already have their nursing license, as well as those who are in the process of obtaining it. The curriculum consists of general education subjects, specialized subjects in Yogo teacher and specialized subjects in teaching.

#### Graduate School of Education (Professional Graduate School)

The Graduate School of Education was newly started in April of 2017, the only major being: Teacher Training Practices and Development.

The purpose of this major is to develop practical skills in teaching, guiding students, and participating in school management, as well as in developing the ability to conduct research on these topics.

This major is staffed with both researchers and practitioners. In April, 2020, the Graduate School of Education was expanded and started to offer the following three courses: 1) Advanced Course in Educational Practices, 2) Advanced Course in School Subject Methods and Practices, and 3) Advanced Course in Special Needs Education. And the fourth course was newly established as 4) Advanced Course in Global Education Practices in April, 2025.

Students who complete the Graduate School of Education course receive a professional degree of Master of Education and their Advanced Class Teacher Certificates.

URL: https://www.educ.kumamoto-u.ac.jp/~profsch/



#### **Faculty of Science**

- Department
  - Department of Science
- **■** Courses

Mathematics, Physics, Chemistry, Earth and Environmental Sciences, Biological Science

#### Faculty of Science

Kumamoto University was established in May of 1949 by integrating six education institutions under the old system. Among them were the Fifth High School (est. October of 1887) and the Kumamoto Technical College (est. 1906). With these two schools as the predecessors for the Faculty of Science, education in natural sciences has been fundamental for Kumamoto University since its founding. In 2004, the Faculty of Science underwent dramatic changes by merging the existing six departments into one. Now, undergraduate students learn all fields of science in their first and a half year and then they can choose a major in their second year of undergraduate studies after assessing which courses are appropriate for their career paths.

In addition, the Faculty of Science provides personalized educational activities to individual students through the tutor system run by the department staff. The Faculty of Science conducts not only basic research, but also applied research in various fields to address the technological and social issues in the Kumamoto and Kyushu regions. Student career prospects after graduation include employment in the government and public sectors, businesses, and education. Many students also choose to continue their studies in post-graduate education.

URL: http://www.sci.kumamoto-u.ac.jp/



#### **Faculty of Engineering**

#### ■ Department of Civil and Environmental Engineering and Architecture

- Civil and Environmental Engineering
- Urban and Regional Planning and Design
- Architecture and Building Engineering

#### ■ Department of Mechanical and Mathematical Engineering

- Mechanical Engineering
- Mechanical Systems
- Applied Mathematics

#### ■ Department of Computer Science and Electrical Engineering

- Electrical Engineering
- Electronic Engineering
- Computer Science

#### ■ Department of Materials Science and Applied Chemistry

- · Chemistry and Bioscience
- Chemistry and Materials
- Materials Science and Engineering
- Semiconductor Device Program

#### Faculty of Engineering

The origin of the Faculty of Engineering was the Department of Engineering of the Fifth High School, which was established in 1897. Since then, the university has turned out about 40,000 alumni who are working actively all around the world. Thanks to an existing alumni network, graduates have been able to find work with many quality companies. Many other students choose to continue their education in a master's program after they graduate. The goals of the Faculty of Engineering are two-fold. First, it aims to contribute to the well-being of humankind and the development of society by creating the technology to help society coexist with the global environment. The second aim is to foster people with a rich sense of humanity who can contribute to the global and local communities by looking at things from a global point of view.

#### ■Institution

#### **Engineering Research Equipment Center**

Various measuring and testing instruments (TEM, LVP-SEM, XRD, ESCA, etc. - about 20 models) are made available for advanced experiments and researches by allowing their shared use.

#### Education Center for Global Human Resources in Engineering

At this center, basic courses (basic engineering, engineering English), fundamental department courses, and sub-education programs (creative engineering and design, global extension, disaster prevention and mitigation, etc.) are offered to all departments of the Faculty of Engineering.

URL:https://www.eng.kumamoto-u.ac.jp/english/

#### School of Informatics

#### ■ Course

Data Science General Course
Data Science Semiconductor Course

SCHOOL OF INFORMATICS

#### School of Informatics

Data Science General course / Data Science Semiconductor course

The School of Informatics, established in April 2024, is the first new faculty at Kumamoto University since its founding in 1949, some 75 years ago. The School aims to nurture human resources with broad insights and expertise across society, science, and technology, combined with a rich sense of humanity. These individuals will support the sustainable development of society from a technological perspective, and strive to achieve a symbiotic relationship between human society and the global environment.

To accomplish this, we offer an educational policy focused on acquiring knowledge and creativity that transcends the boundaries of liberal arts and sciences. We operate a small-group teaching system with an enrollment capacity of 60

students per academic year. Our approach includes collaboration with the Faculties of Law, Medicine, Science, and Engineering as partner faculties. Additionally, we provide joint courses in collaboration with the Prefectural University of Kumamoto and Tokai University. We also emphasize Project-Based Learning (PBL) exercises and the improvement of English language skills.

Moreover, we offer two specialized courses aimed at cultivating human resources essential for society: the Data Science General course, which covers a wide range of fields where data science can be applied, such as economics and learning methodologies; and the Data Science Semiconductor course, which focuses on semiconductor manufacturing and quality management.

## 



#### Faculty of Advanced Science and Technology (FAST)

Keeping with the trend towards prioritizing post-graduate education, the Graduate School of Science and Technology (GSST) was reorganized in April 2016, and the Faculty of Advanced Science and Technology (FAST) was established. In accordance to this change, FAST is now responsible for the administrative management duties, while GSST handles the education activities.

FAST consists of 6 divisions: Natural Science, Materials Science and Chemistry, Industrial Fundamentals, Informatics and Energy, Civil Engineering and Architecture, and Biomedical Engineering with a total of 26 research fields under these divisions. FAST aims to promote the study of advanced natural sciences, leading to a cooperative and sustainable global society. In addition, FAST also aspires to create an academic hub for advanced research in applied technologies. Through close cooperation between basic research and engineering departments, this new organization system was launched to promote unique and advanced research activities to address current societal issues. FAST endeavors to comprehensively deepen scientific knowledge, develop new technologies, and foster individualization in post-graduation education.

#### ■Institution

# Innovative Research and Education Center for Engineers

The center provides access to engineering equipment to support research and education. Although the center itself does not house the equipment, it collaborates with the Engineering Research Equipment Center, Innovation Machine Factory and Kurokami Radio-isotope Laboratory to manage and provide access of the equipment for Kumamoto University faculties with some facilities also available for the local communities.

# International Research Center for Agricultural and Environmental Biology (IRCAEB)

The International Research Center for Agricultural and Environmental Biology (IRCAEB) was founded in April of 2021 to facilitate collaboration among researchers in molecular genetics, chemistry, agronomy and pharmacology. In addition, IRCAEB also promotes the cooperation between academics and industry experts performing basic and applied research. IRCAEB is divided into the Department of Basic Research and the Department of Molecular Agriculture, and aims to enhance the productivity and sustainability of Kumamoto's agriculture and fishery industries, while connecting with the international community to disseminate its research findings.

URL:https://www.fast.kumamoto-u.ac.jp/en/home/

# GRADUATE SCHOOL OF SCIENCE and TECHNOLOGY



### Master's Course

Department of Science	Mathematics
	Physics
	Chemistry
	Earth and Environmental Sciences
	Biological Sciences
Department of Civil and Environmental	Civil and Environmental Engineering
•	Urban and Regional Planning and Design
Engineering and Architecture	Architecture and Building Engineering
Department of Mechanical System Engineering	Mechanical Engineering
Department of Mechanical System Engineering	Mechanical Systems
Department of Electrical and Electronic Engineering	Electrical Engineering
Department of Electrical and Electronic Engineering	Electronic Engineering
	Chemistry and Bioscience
partment of Materials Science and Applied Chemistry	Chemistry and Materials
	Materials Science and Engineering
Department of Semiconductor, Computer Science and	Semiconductor Systems
Applied Mathematics	Computer Science and Applied Mathematics

	Mathematics
	Physics
Department of Science	Chemistry
	Earth and Environmental Sciences
	Biological Sciences
	Environmental Conservation Engineering
	Environmental Management and Planning
	Architecture and Environment Planning
	Building Materials and Structures
	Advanced Mechanical Systems
Non-order and a f A discount of the discount of Colonian	Intelligent Mechanical Systems
Department of Advanced Industrial Science	Applied Mathematics
	Computer Science and Communication Engineering
	Frontier Technology for Energy and Devices
	Human and Environmental Informatics
	Applied Chemistry and Biochemistry
	Materials Science and Engineering
Department of Semiconductor, Computer Science an	d Semiconductor Systems
Applied Mathematics	Computer Science and Applied Mathematics

#### Graduate School of Science and Technology (GSST)

After its restructuring in 2006, GSST now conducts post-graduate education with a strong focus on research. GSST includes 6 departments that grant master's degrees and 3 departments that grant doctorates. With the rapid pace of globalization, it has become vitally important to promote international collaboration with universities abroad, in both research and education. Furthermore, domestic collaborations among Japanese universities, industry and government institutions are also critical in developing an international and interdisciplinary environment for students.

GSST is committed to foster comprehensive problemsolving skills, leadership and creativity in students, making GSST an international institution distinguished by its fastidious pursuit of knowledge and academic freedom.

URL: https://www.fast.kumamoto-u.ac.jp/gsst-en/

#### ■Institution ■

# Global Joint Education Center for Science and Technology (GJEC)

For the future of post-graduate education, the promotion of globalization and the fostering of innovation skills in individuals through science and technology are essential. To achieve these goals, it is vital that students deepen their basic skills in their respective fields of specialization, such that these skills can applied in broader perspectives. GJEC was established in GSST in April of 2007, to provide students the opportunities to take courses in different fields and develop innovation skills. GJEC also offers Advanced General Education subjects, which provide students with broad-range knowledge across multiple disciplines of science and technology, to enhance the utilities of their academic skills in various aspects of the society.

# SCHOOL OF MEDICINE

# GRADUATE SCHOOL OF MEDICAL SCIENCES GRADUATE SCHOOL OF HEALTH SCIENCES

■医学部■

■医学教育部■

■保健学教育部■



#### School of Medicine

#### ■ School of Medicine

Subjects → Molecular and Cellular Biology, Molecular Genetics, Anatomy and Histology, Physiology and Biochemistry, Microbiology and Immunology, Pathology and Pharmacology, Social and Environmental Medicine, Internal Medicine, Surgery, Developmental Medicine, Bioethics, Sensory and Motor Medicine, Clinical Neurology and Psychiatry, Integrated Medicine

#### ■ School of Health Sciences

**Courses** → Course of Nursing, Course of Radiological Sciences, Course of Medical Laboratory Sciences

#### Graduate School of Medical Sciences

- Master's Course
  Medical Sciences
- Doctoral Course

  Medical Sciences

#### **Graduate School of Health Sciences**

■ Master's Course

Nursing, Radiological Sciences, Medical Laboratory Sciences, Genetic counseling

Doctoral Course

Nursing, Radiological Sciences, Medical Laboratory Sciences

#### School of Medicine

The Kumamoto University School of Medicine comprises the School of Medicine, which offers a six-year medical degree program, and the School of Health Sciences, which offers a four-year health sciences degree program. The Kumamoto University School of Medicine fosters doctors and medical professionals who possess cutting-edge medical knowledge and deep compassion for their patients.

The School of Medicine has produced over 10,000 graduates since it was established as the independent Kumamoto Medical School in 1896. Specialized instruction in the field of medicine is provided by faculty members in medicine and life sciences. The School of Medicine has developed a curriculum that mostly reflects actual medical research and medical care, focusing on fostering medical doctors with excellent personal communication skills. The Center for Medical Education and Research was founded in October 2010 with the mission of educating medical professionals. This Center carries out research on educational systems, curriculum reform of the Medical School, education of clinical medicine and practical techniques, and so forth.

In October 2003, the College of Medical Sciences, which included an advanced midwifery course, and the Nursing Teacher Training course from the Faculty of Education were integrated into the School of Health Sciences. The School has three courses (Course of Nursing, Course of Radiological Sciences, Course of Medical Laboratory Sciences), and aims to provide a spiritually rich education based on respect for life and humanity, along with a high level of specialized knowledge, and is cultivating medical staff, researchers, and educators who are highly qualified to contribute to many facets of society as members of medical teams.

URL: http://www.medphas.kumamoto-u.ac.jp/en/medical/index.html

#### Graduate School of Medical Sciences

The Graduate School of Medical Sciences was remodeled and established in April 2003 as a graduate school educational institution with the aim of cultivating medical researchers, educators, and advanced medical staff.

The graduate school consists of a four-year doctoral course and a two-year master's course that was established in 2002. The master's course (in Medical Sciences) was created in response to the upsurge in medical and biological research, as well as societal needs. The course is designed for graduates of four-year undergraduate programs. Each academic year sees 20 students enrolled, for a total of 40 students. Graduates of the master's course are encouraged to continue their education by enrolling in the doctoral course. The doctoral course (Medical Sciences major) contains 88 students per academic grade, for a total of 352 students. Personalized education with research guidance is supplemented by courses in experimental medicine and graduate school seminars. Students complete the course by publishing their original research results in an international academic journal and writing a comprehensive thesis.

The Graduate School has many special courses and programs such as "Course of Educational Program for Advanced Research in Infectious Diseases and AIDS, "Course of Developmental Biology and Regenerative Medicine," "Program for Experts of Metabolism, Circulation and Related Informatics," "Course of Educational Program for Extension of Healthy Life Expectancy," and a unique MD/ PhD course, the Shibasaburo Program. The school has concluded the academic exchange agreement including double degree program with many universities overseas.

All courses are taught by instructors who belong to approximately 90 diverse research areas and medical care fields from the following: the Faculty of Life Sciences, Kumamoto University Hospital, the Health Care Center, the Institute of Resource Development and Analysis, the Joint Research Center for Human Retrovirus Infection, the Institute of Molecular Embryology and Genetics, the International Research Center for Medical Sciences, and the Center for Metabolic Regulation of Healthy Aging.

URL:http://www.medphas.kumamoto-u.ac.jp/en/medgrad/

#### Graduate School of Health Sciences

The Graduate School of Health Sciences was established in April 2008, and its doctoral program started in April 2010. The graduate school consists of the nursing course, the radiological sciences course, the medical laboratory sciences course, and the genetic counseling course, the last of which was added in April 2022. The school aims to foster specialists and produce researchers and educators who can incorporate a wide range of advanced medical knowledge to establish and develop the educational system of health sciences. Each department requires 2 years of study for the master's program and 3 years for the doctoral program. Each academic year of the master's program has room for a total of 24 students. Students can obtain a master's degree in either Health Sciences or Nursing.

Each academic year of the doctoral program is limited to 6 students. Conditions for completion of the doctoral program require a successful review of a doctoral thesis and a passing grade on the final examination. Students can obtain a doctor's degree in either Health Sciences or Nursing.

URL: http://www.hs.kumamoto-u.ac.jp/en/

# SCHOOL OF PHARMACY

## GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES

■薬学教育部■

■薬学部■



#### School of Pharmacy

- Department
- School of Pharmacy, School of Pharmaceutical and Life Sciences
- Subject

Molecular and Genomic Pharmacy, Medicinal Chemistry, Life and Environmental Sciences, Clinical Pharmacy, Biomedical Polymer Science, Drug Delivery Science

#### **Graduate School of Pharmaceutical Sciences**

- **■** Master's Course
  - Pharmaceutical and Life Sciences → Drug Delivery, Bio-Pharma, Medicinal Chemistry, Life Science
- Doctoral Course

Clinical Pharmaceutical Sciences → Clinical Pharmaceutical Sciences, Clinical Pharmacy
Pharmaceutical and Life Sciences → Drug Delivery, Bio-Pharma, Medicinal Chemistry, Life Science

#### School of Pharmacy

The School of Pharmacy is based on the principle that pharmaceutical sciences are an integrated science contributing greatly to human health through medication. Students acquire basic knowledge related to the development, production and management of pharmaceutical products, environmental and health sciences as well as many other skills required for pharmacists. The school aims to cultivate creative graduates with high pharmaceutical, scientific, and ethical abilities based on life sciences. The school conducts basic practical and clinical training together with modern lectures that focus on education, from the three perspectives of knowledge, technique, and bedside manner. After graduating, students go on to work in various fields, as pharmacists in hospitals, pharmacies, pharmaceutical and chemical companies or in government and other public facilities. However, many graduates continue their education at the graduate level to become either pharmaceutical researchers or advanced pharmacists.

In 2006, the pharmaceutical sciences course was split into the School of Pharmacy, a six-year course for the cultivation of pharmacists, and the School of Pharmaceutical and Life Sciences, a four-year course focusing on the training of researchers.

#### Graduate School of Pharmaceutical Sciences

The Graduate School of Pharmaceutical Sciences was established in April 2003 by partially integrating the faculties of the Institute of Molecular Embryology and Genetics (IMEG) and the Institute of Resource Development and Analysis (IRDA). This was preceded by the creation of the Faculty of Medical and Pharmaceutical Sciences. Thus, graduate students are educated by teaching staff from the Faculty of Life Sciences (founded in January 2010 by re-organizing the Faculty of Medical and Pharmaceutical Sciences), IMEG and IRDA. The school takes advantage of the strength of each faculty member to provide a great number of educational programs by combining pharmaceutical sciences and medical fields such as bioethics, genetics, embryology, cardiovascular, metabolism, and translational research. These unique educational programs further reinforce the foundation of basic pharmaceutical knowledge acquired during undergraduate studies.

The Graduate School aims to cultivate pharmaceutical researchers and advanced pharmaceutical specialists who can act independently and provide leadership in a wide variety of pharmaceutical fields involving the creation of medicinal products, biomedical research, and clinical/public health administration.

URL: http://www.pharm.kumamoto-u.ac.jp/en/



#### Faculty of Life Sciences

The Kumamoto University Faculty of Life Sciences is one of the leading schools in the fields of medicine, pharmacy, and health sciences in Japan. The Faculty of Life Sciences comprises three divisions (Integrated Medical and Pharmaceutical Sciences, Advanced Biomedical Sciences, and Environmental and Sociomedical Sciences), 15 specialized areas, and 72 departments, with affiliated facilities such as the Southern Kyushu and Okinawa Unit Center of the Japan Environment and Children's Study, the Center for Metabolic Regulation of Healthy Aging, and the Global Center for Natural Resources Sciences. The mission of the Faculty of Life Sciences is threefold: (1) to produce world-class, cutting-edge knowledge through research activities, (2) to contribute to the health and welfare of society and humankind by using research knowledge as a driving force, and (3) to train the next generation of professionals who will play an active role in the local region and worldwide. To achieve these goals, faculty members in medicine, pharmacy, and health sciences conduct research based on interdisciplinary collaboration while maintaining their specialized capabilities and academic identities.

URL:http://www.medphas.kumamoto-u.ac.jp/en/faculty/index.html

#### ■Institution

#### Southern Kyushu and Okinawa Unit Center of Japan Environment and Children's Study

Southern Kyushu and Okinawa Unit Center of Japan Environment and Children's Study was founded as a research institute in July 2010 under the Faculty of Life Sciences at Kumamoto University. Children are exposed to various environmental risks, such as natural and manmade chemicals and socioeconom-ic factors. The Japanese government (Ministry of the Environment) established a birth cohort study in 2010 to understand the effects of children's environmental exposures and to explore ways to reduce children's risks from environmental exposures. The Unit Center collects data within the designated study regions, and investigates environmental factors that affect children's health and development.

#### Center for Metabolic Regulation of Healthy Aging

Japan is now a "super-aged" society, and extending healthy life expectancy is one of the most important issues. On May 1, 2018, we launched a new Center for Metabolic Regulation of Healthy Aging (CMHA). CMHA comprises five divisions: (1) Metabolic and Circulatory Research, (2) Cancer and Stem Cell Research, (3) Nervous System, Sensory, and Locomotive Research, (4) Animal Models of Aging Research,(5) Epidemiological Research, and (6) Research Support Division. The goal of CMHA is to advance research on aging and healthy aging, and to train internationally competitive human resources in these fields.

#### Center for Medical Education and Research

The Center for Medical Education and Research was established in October 2010 to contribute to the development of medical professionals through research and practice in order to realize the educational philosophy of "fostering medical specialists": (1) research on the construction of a system for medical professional education, (2) curriculum reform in response to the new medical education system, (3) promotion of clinical clerkship in which students participate in medical practice, and so on.

# Global Center for Natural Resources Sciences (GCNRS)

The Global Center for Natural Resources Sciences (GCNRS) promotes natural product sciences and the UpRod project by utilizing a global research collaboration to improve lives and human health through developing innovative novel medicines. GCNRS will contribute to the development of human networks and resources related to the conservation of natural resources in different parts of the world. Furthermore, in cooperation with various related companies, this center will promote drug discovery research geared toward realizing the vision of a glocal society where natural ecosystems and human health are coordinated and harmonized.

<sup>1)</sup> UpRod project: In this project, we collect useful natural products that are not yet utilized around the world, extract active ingredients, and evaluate their pharmacological efficacy. We then select and optimize drug candidate compounds before we commercialize them.



**GCNRS** 

Global Center for Natural Resources Sciences

#### Center for Biomedical Laboratory Science

The development of clinical laboratory techniques has led to the highly advanced medical diagnostic technology available today. To ensure the sustainable development of medical care, it is important to promote the development of new diagnostic technologies and cultivate human resources by reinforcing research at the university. We also have a duty to provide medical laboratory techniques developed in the university to the community as part of our social contributions. The Center for Biomedical Laboratory Science was affiliated with the Faculty of Life Sciences in Kumamoto University on April 23, 2021 to promote research and development of novel laboratory techniques, training of advanced medical professionals, and provide laboratory tests to the community. The Center carries out administrative screening inspections and mutational analyses of SARS-CoV-2 and conducts research and development on novel inspection technologies. Through this work, the Center also trains advanced medical professionals.

#### Vaccine Development Research Center (VDRC)

The Vaccine Development Research Center was established based on various vaccine development technologies of Kumamoto University. Its aims are to advance the fusion of fields such as immunology related to natural immunity and acquired immunity against viruses, virology against emerging infectious diseases, the development of vaccine administration devices, and pharmaceutical design that can maximize the efficacy of vaccines; and then to promote advanced vaccine development research that can respond quickly to unexpected outbreaks of emerging infectious diseases. The Center consists of four divisions: the Vaccine Basic Research Division, the Administration Device Development Research Division, the Vaccine Manufacturing Research Division, and the Vaccine Clinical Cooperation Division. It aims to improve basic research and applied research on infectious diseases, as well as to improve the production systems and strengthen the efficient implementation systems of clinical trials. Furthermore, the center plays a role in promoting the early construction of actual production systems for biopharmaceuticals, such as vaccines for emerging infectious diseases, through collaboration with domestic and overseas companies and experts who are familiar with vaccine development and production.

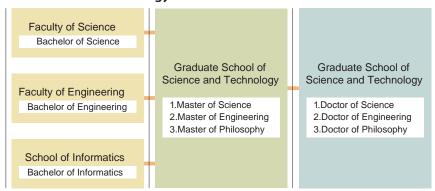


## Undergraduate and Graduate Courses

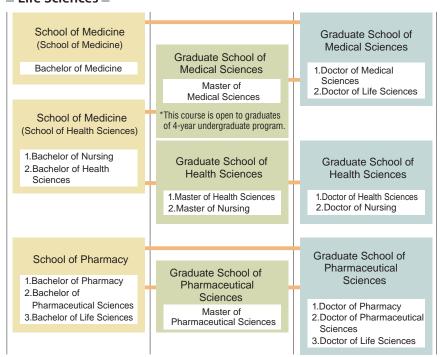
#### ■ Humanities and Social Sciences ■

Undergraduate Degrees Obtained	Graduate (Master) Degrees Obtained	Graduate (Doctor)  Degrees Obtained	Professional Graduate School Degrees Obtained
Faculty of Letters Bachelor of Arts	Graduate School of Social and Cultural Sciences	Graduate School of Social and Cultural Sciences	
	1.Master of Arts 2.Master of Law 3.Master of Public Policy	2.Doctor of Law 3.Doctor of Public Policy	
Faculty of Law	4.Master of Philosophy 5.Master of Science in	4.Doctor of Philosophy	
Bachelor of Arts in Laws	Instructional Systems		
Faculty of Education			Graduate School of
Bachelor of Education			Education (Professional)
			Master of Education (M.Ed)

#### ■ Science and Technology ■



#### ■ Life Sciences ■



The above chart is an example of pursuing higher education between undergraduate and graduate courses, but is not comprehensive.

## **Centers and Institutes**

#### Institute of Molecular Embryology and Genetics

発生医学研究所



The Institute of Molecular Embryology and Genetics aims to contribute to society by promoting the integration of life and medical sciences from the viewpoint of developmental biology. This institute was founded in 1992, and extensively reorganized in 2000 and 2009. It has three divisions (Developmental Regulation, Stem Cell Research, and Organogenesis) consisting of 13 laboratories. Our research interests include: epigenetics, chromosome and protein regulation, DNA damage and repair, intercellular communications, ES and iPS cells, hematopoietic differentiation, gametogenesis, brain function and morphogenesis, DNA higher-order structure, muscle regeneration, cell movement and morphogenesis, and kidney development. The institute is selected as one of the Joint Usage/Research Centers in Japan, designated as "Joint Research Center of Medical Embryology", and supports the research community. In addition, the Center for Organ Regeneration Research was launched in 2012 to realize regenerative medicine through scientific collaborations with the University Hospital. Furthermore, the institute joins Inter-University Research Network for Research Center for High Depth Omics and the Research Center for High Depth Omics was launched in 2022 to promote the comprehensive approach driven by big-data of multi-level omics.

URL: https://www.imeg.kumamoto-u.ac.jp/en/

#### Institute of Industrial Nanomaterials

産業ナノマテリアル研究所



The Institute of Industrial Nanomaterials, established in April 2020, specializes in the research of nanomaterials and advanced synthesis processes. The institute consists of five research divisions: two divisions focused on two-dimensional nanomaterials, surfaces, and grain boundaries; two divisions dedicated to advanced processes, including explosion experiments and electric pulses; and one division related to materials informatics. The Institute has a comprehensive research facility to promote two-dimensional nanomaterial research, as well as advanced synthesis process facilities, including explosion experiment and bioelectrics research facilities of the former Institute of Pulsed Power Science. These facilities are available not only to on-campus faculty and students, but also to researchers from companies and other universities

URL: http://www.iina.kumamoto-u.ac.jp/en/

#### Headquarters for Research and Development Strategy

研究開発戦略本部

Beginning in fiscal year 2025, our university will participate in the "J-PEAKS" initiative—an enhancement and promotion project for regional core and distinctive research universities. Through this initiative, we aim to respond to societal expectations by establishing regional "nodes" that comprehensively address challenges such as the creation of user-driven industries, shortages in industrial human resources, and environmental burdens.

To ensure the steady implementation of this project and to strengthen our university's research capabilities while contributing to regional problem-solving, we have established the Headquarters for Research and Development Strategy under the leadership of the Executive Director for Research. This headquarters serves to unify the university-wide research support and management systems.

The Headquarters for Research and Development Strategy comprises the following divisions: Division for Academic Research Planning, Division for Innovation Development, Division for Risk Management, Division for Regional Collaboration Strategy, Division for Venture Promotion, Division for International Strategy, and Technical Division. By integrating functions that were previously dispersed across various internal organizations, we have built a system that can respond effectively to societal needs and engage more proactively in solving regional issues.



Kumamoto University has the four important cultural property buildings, including the Memorial Museum of the Fifth High School, the collection features Hosokawa Clan literature (partial) related to the Hosokawa Clan daimyo of the Kumamoto Domain, which are entrusted materials from the Eisei Bunko Foundation, as well as Aso Clan literature, both of which are significant historical materials. The Higo liku Museum introduces the history of medical education in Higo, a province that produced figures such as Kitasato Shibasaburo, while the Medicinal Plant Garden protects and nurtures rare plants. Meanwhile, the Kumayaku Museum, which exhibits pharmacy-related materials, is spread across various campus locations.

The Organization for Kumamoto University Campus Museum was established in April 2024 with the aim of transforming the entire campus into a museum through university-wide collaboration, integrating historical and cultural exhibition materials and facilities owned by each campus. In addition to contributing to the development of human resources and the promotion of research, the organization aims to promote understanding and learning of the history, culture, and traditions of people around the world by disseminating information both domestically and internationally as an open university.

#### Organization for Globalization

グローバル推進機構

In 2014, Kumamoto University was chosen by the Ministry of Education, Culture, Sports, Science, and Technology (MEXT) as a member of the "Top Global University Project", to be a leading model for university reform in Japan, cultivating global human resources leadership, and actively promoting globalization efforts at home and abroad.

The Organization for Globalization was established on March 1, 2015 to address university-wide globalization. The Organization for Globalization was reorganized to establish the vice president as Director in April, 2018, to further strengthen globalization efforts in Kumamoto University.

#### **Headquarters for Admissions and Education**

大学教育統括管理運営機構

The Headquarters for Admissions and Education serves as a high governance organization to supervise quality control of higher education in Kumamoto University. Dealing with a changing entrance examination system and supporting both undergraduate and postgraduate students who are entering Kumamoto University during these changes, this organization constructs, supervises, and manages educational programs based on the analyses of enormous volume of educational data and in accordance with the vision, policy and strategy of the university as a core organization.

#### ■ Center for International Education ■

附属多言語文化総合教育センター



The Center for International Education, affiliated with the Headquarters for Admissions and Education, offers multilingual, multicultural, and multidisciplinary studies courses aimed at equipping graduates with the skills needed to work on a global scale. These subjects help students develop deep comprehension of social and natural sciences, learn modern languages, and understand the values of various foreign countries and cultures, thereby providing them the tools needed to think both comprehensively and globally.

The Center is involved in cooperative learning programs between high schools and the university, and also works together with local businesses and the community.

#### ■ Center for Teacher Education and Development ■

附属教職総合センター

The Center for Teacher Education and Development, affiliated with the Headquarters for Admissions and Education, was established in 2022 to manage and improve the quality of teacher training at Kumamoto University. The Center also contributes to the development of primary and secondary education in Kumamoto in cooperation with educational administrative organizations as well as with other local universities that offer teacher training courses.

#### Institute of Light Metals (ILM)

先進軽金属材料国際研究機構

In April 2021, Kumamoto University established the Institute of Light Metals (ILM), together with the University of Toyama. This Institute is dedicated for advanced research and education on light metallic materials based on magnesium, aluminum and titanium, and it is the first such hub in Japan.

In April 2022, the Japanese government officially certified ILM a joint usage and research center, is also open for international collaboration. The scope of the ILM is science, technology, education and international outreach. Moreover, ILM aims to help solve important issues regarding the environment, energy, sustainability, disaster prevention and mitigation, and biomedical technology by leveraging the robust research and development resources of the Magnesium Research Center of Kumamoto University and the Aluminum Research Center of the University of Toyama.

The ILM will also play a key role in enhancing industries in Japan by conducting integrated research and development on magnesium, aluminum and titanium alloys.

#### Research and Education Institute for Semiconductors and Informatics 半導体・デジタル研究教育機構

The Research and Education Institute for Semiconductors and Informatics was established in April 2023 with the objective of cultivating highly skilled researchers and engineers who will contribute to the advancement of Japan's industry and education. The Institute comprises two divisions: the Semiconductor Division and the Integrated Information Division. We are committed to promoting the advancement of electronic and information technologies through comprehensive research and development in state-of-the-art semiconductor technologies—encompassing fundamental science to practical system-level applications—as well as in artificial intelligence (AI) and data science.

URL: https://reisi.kumamoto-u.ac.jp/

#### ■ Center for Management of Information Technologies

附属情報統括センター



As the implementing organization for comprehensive information strategy at Kumamoto University, the Center for Management of Information Technology is established as a facility of the Research and Education Institute for Semiconductors and Informatics. This center aims to enhance and develop the educational and research activities of the university by establishing and operating the information infrastructure, providing information services, and advancing information security. Additionally, substantial progress is being made in the utilization of Information and Communication Technology (ICT) in education.

URL: http://www.cc.kumamoto-u.ac.jp/en/

#### International Research Center for Medical Sciences (IRCMS)

国際先端医学研究機構



The International Research Center for Medical Sciences (IRCMS) was launched as the managing organization in April of 2015 to oversee Kumamoto University's Center of Excellence for world-class research in the life sciences. The center partners with other life science institutes in Kumamoto University to promote collaborative international research with distinguished research institutes overseas, and scouts and trains young investigators who contribute to ground-breaking discoveries in the medical sciences.

The center aims for 50% foreign researcher population, including Ph.D. graduate students. To reach this goal, the research environment within the IRCMS is equivalent to world-class research institutes found in western countries, and

makes provisions for smooth international research collaborations.

The center has designated English as the official language, and features an open lab layout with few walls and partitions between labs to facilitate communication among scientists. It is expected that this will promote fusion research between the various fields within the institute.

URL: https://ircms.kumamoto-u.ac.jp/

#### Eisei-Bunko Research Center

永青文庫研究センター



The Eisei-Bunko Research Center was established in 2009 as a facility affiliated with the Faculty of Letters. In April 2017, the Center was reorganized as an Inter-Department Institute for Education and Research to expand its achievements in research and social contributions more broadly.

Research is focused on the Eisei-Bunko Collection, a collection of documents related to the Kumamoto Domain. This collection is currently housed at Kumamoto University, and the documents are among the most detailed and extensive accounts of daimyo-era Japan available, both in terms of quality and quantity. This is a priority area for research and philanthropy unique to Kumamoto University.

Through the general study of the Eisei-Bunko Collection and other documents, the Eisei-Bunko Research Center has developed a solid research foundation. The Center also cooperates with culture organizations and local government to provide the results of its studies to the local community. In addition to this, the Center helps train students to be able to contribute in promoting culture and research that focuses on the humanities and social sciences.

URL: https://eisei.kumamoto-u.ac.jp/en/

The Center for Water Cycle, Marine Environment, and Disaster Management (CWMD) was established in April 2017. CWMD consists of four laboratories: the Water Resource Research Laboratory, the Marine Science Laboratory, and the Disaster Mitigation Laboratory and, the Urban and Regional Design Laboratory. The Center is a leader in research and education on groundwater resources in Kumamoto, the marine environments of the Ariake and Yatsushiro Seas, disaster mitigation, and community design and participation.

#### ◆Water Resource Research Laboratory

Through research and academic efforts, it aims to protect the water cycle related to groundwater resources.

#### ◆Marine Science Laboratory

It studies on biodiversity and ecosystems, sustainable development and conservation of marine resources, and analysis of environmental changes in coastal seabeds.

#### Disaster Mitigation Laboratory

It promotes a wide range of research and education in disaster prevention and reduction activities to develop and sustain a disaster-resilient society.

#### ◆Urban and Regional Design Laboratory

It works on designing and implementing a livable, resilient, and sustainable local society that actively involves local communities and residents.

URL: https://cwmd.kumamoto-u.ac.jp/en/

#### ■ Aitsu Marine Station ■



合津マリンステーション

Located at the junction of the Ariake Sea and the Yatsushiro Sea, Aitsu Marine Station is in a unique location where the difference in sea level between low and high tide is 5 meters. There is no other marine station in Japan located in a place with such a large tidal difference. Four experts in biological resources, biodiversity analysis, and stratigraphic paleontology work at the marine station and conduct training and research there. The station has three buildings: a three-story researcher dormitory (589 m²), a two-story training building (785 m²), and a single-story marine life breeding building.

The station also operates two ships: the Dolphin Super Challenger and the Shiranuhi.

#### Magnesium Research Center (MRC)





For many years, there has been a strong demand in the transportation industry, including automotive, rail and aerospace, for ways to reduce the weight of structural components, in order to reduce both energy consumption and CO<sub>2</sub> emissions. Magnesium is the lightest known structural metal and magnesium alloys are increasingly being used in a wide range of applications for both structural and functional benefits. In addition, biodegradable Mg biomedical devices can provide an impactful benefit for people's well-being.

The Magnesium Research Center (MRC) at Kumamoto University, established in December 2011, has been engaging in various magnesium-related research endeavours. They include alloy and process design, microstructure analysis,

mechanical property characterization, corrosion, surface protection and recycling.

MRC has also developed an international magnesium research network. MRC has three missions: 1) to provide state-of-the-art research and education, 2) to develop a global research network, and 3) to promote international research collaboration.

URL: https://www.mrc.kumamoto-u.ac.jp/en/

#### **Institute of Resource Development and Analysis**

生命資源研究・支援センター



The Institute of Resource Development and Analysis (IRDA) was established for the purpose of promoting comprehensive education and research in various scientific areas by providing diverse research resources and information. Two major objectives of the IRDA are: 1) Production, development, preservation, and supply of experimental animals, including genetically engineered animals, and construction and analysis of databases using advanced bioinformatics, and mouse phenotyping analysis and 2) Research, education, enlightenment, data management, and technical support for experiments using laboratory animals, genetic materials, and radioisotopes.

URL: https://irda.kuma-u.jp/en/index.html



The Environmental Safety Center was established in 2001 to assist in the management of the environment and safety of the university and the surrounding community.

The Center aims to maintain a conducive environment for students, and to ensure the safety of faculty, staff, and students, thereby contributing to the overall promotion of education and research.

The Center's primary services include: 1) support for safety and environmental management, including chemical management, as well as related education and awareness for university students; 2) support for proper waste management and disposal; and 3) environmental measurement services, including water quality testing.

URL:https://www.esc.kumamoto-u.ac.jp/en/

#### **Research Center for Buried Cultural Properties**

埋蔵文化財調査センター



Photo: Pottery excavated from within campus grounds (from 1,600 years ago)

The eight campuses of Kumamoto University are built over some of the most famous historical sites in Kumamoto Prefecture, dating from thousands of years ago to modern times (at places like Kurokamimachi, Honjo, and Oe). As such, whenever digging must be performed as part of maintenance of college facilities (construction and repair of buildings and infrastructure), archaeological excavations are also performed to prevent damage to historical artifacts. In October 2011, the Center emerged as one of the Inter-Department Institutes for Education and Research from the Research Office for Buried Cultural Properties, which had been performing excavations since May 1994. The Center's objectives are the documentation, preservation, and practical use of the excavated cultural properties (archaeological features and relics). Excavation results are made public via annual and ad hoc reports, and visitors are always welcome to learn about what has been found in exhibition room.

URL: https://www.kumamoto-u.ac.jp/organizations/maibun/en/

#### Joint Research Center for Human Retrovirus Infection

ヒトレトロウイルス学共同研究センター



On April 1, 2019, the Center for AIDS Research of Kumamoto University and the Center for Chronic Viral Diseases of Kagoshima University merged to form the Joint Research Center for Human Retrovirus Infection. This inter-university research center between two National University Corporations is a pioneering enterprise in Japan. The Center focuses on the prevention and eradication of human retroviruses, the latency of which has made it a challenging global health problem. To this end, we conduct global research and education based on our research achievements regarding the pathogenesis of human retroviruses. We are also developing our strengths—AIDS

research at the Kumamoto campus and HTLV-1/HBV research at the Kagoshima campus—by utilizing economies of scale and the resources of our parental centers, clarifying our goals, educating the next generation of researchers, and sharpening our competitive edge in the world.

URL: https://kumamoto-u-jrchri.jp/en/

University Archives 文書館

The University Archives was established on April 1, 2016. In April 1, 2023, the Archives was designated as a facility for the appropriate management of historical or cultural materials, or materials for academic research by the Prime Minister. Our aim is to collect, preserve, and provide research materials related to: the history of Kumamoto University; local Kumamoto history and culture; and social issues that have occurred in the Kumamoto area, such as Minamata disease, the Menda incident, and leprosy (Hansen's disease). The contents of these collections are available on our website.

URL:http://archives.kumamoto-u.ac.jp/

Health Care Center 保健センター



The Health Care Center is located on the Kurokami North Campus. Physician(s), licensed psychotherapist(s), campus social worker(s) and nurse(s) are available during normal school hours for consultation and treatment. Health Care Center provides help in resolving the various troubles, concerns, worries, and illness that can occur during college life. The service is free to all members of the university community.

URL: https://hcc.kumamoto-u.ac.jp/english/

#### **Student Accessibility Support Room**

障がい学生支援室

The Student Accessibility Support Room was established to enhance the support system for students with disabilities and to contribute to their unimpeded education in accordance with the enactment of the Act on the Elimination of Disability Discrimination of April 2016. The room facilitates consultations for students with disabilities and provides them with both reasonable accommodations and support adapted to individual needs. Also, regardless of disability or lack thereof, we also provide support for basic needs of student and daily life.

URL: https://sien.kumamoto-u.ac.jp/en/

#### **Institutional Research Office**

大学情報分析室

The Institutional Research Office (IR) was established in July 2014 to provide information, assessments, and evaluations on university administration to support decision making.

The IR is run by vice president, faculty staff, management staff, and URA members.

The main work of the IR is collecting, investigating, and analyzing university data and IR advisors provide overall advice on IR activities. A database system named KU-RESAS that uses BI tools allows us to visualize data and make it available for analysis.

Data is obtained from Kumamoto University systems such as SOSEKI (education administration), ASO (GPA visualizations and education effectiveness), UPDS (employee and salary management), and COMET (entrance examination management). This data is categorized into education, research, social contributions, international relations, and administrative foundations. This data can also be combined for different purposes, e.g., finding relationships between education and research. Other university data, such as university ranking data, is also collected to measure and compare performance. This and other activities are how the IR contributes to university development.

#### **Campus Design Office**

キャンパス整備戦略室



The Campus Design Office was established in November 2018 in order to plan university development with a long-term perspective that ensures the university's facilities operate effectively and efficiently. The office utilizes a top-down facility management system to manage the whole university. The Campus Design Office consists of three departments (Facility Management, Energy Management, and Environmental Management) so that it can respond flexibly to situational changes in the future. The Office Manager and Department Heads are appointed by professors of the Faculty of Engineering to encourage collaboration among faculty and administrative staff members.

**University Hospital** 病院

#### **University Hospital**

#### ■ Division of Internal Medicine

Respiratory Medicine, Gastroenterology and Hepatology, Hematology, Rheumatology and Clinical Immunology, Nephrology and Hypertension, Diabetes, Metabolism and Endocrinology, Cardiovascular Medicine, Neurology, General Medicine

#### ■ Division of Surgery

Cardiovascular Surgery, Thoracic Surgery, Gastroenterological Surgery, Breast and Endocrine Surgery, Pediatric Surgery, Transplantation, Urology, Gynecology

#### ■ Division of Child Health and Development

Pediatrics, Obstetrics

#### ■ Division of Sensory and Motor Organs

Orthopaedic Surgery, Dermatology, Plastic and Reconstructive Surgery, Ophthalmology, Otolaryngology-Head and Neck Surgery, Oral and Maxillofacial surgery

#### ■ Division of Radiology

Diagnostic Imaging and Interventional Radiology, Radiation Oncology

#### ■ Division of Anesthesia, Neurosurgery and Psychiatry

Neuropsychiatry, Neurosurgery, Anesthesia

#### Departments

Laboratory Medicine, Surgical Center, Central Radiology, Intensive Care Unit, Central Medical Supply, Rehabilitation, Surgical Pathology, Transfusion Medicine and Cell Therapy, Emergency Medicine, Infectious Diseases, Kidney Disease and Dialysis Center, Endoscopic Diagnostics and Therapeutics, Department of General Clinical Investigation, Department of Medical Infomatics and Administrative Planning, Pharmacy, Nursing, Medical Technology, Department of Clinical Nutrition, Department of Medical Quality and Safety Management, Department of Infection Prevention and Control, Administration

#### Centers

Comprehensive Clinical Education, Training and Development Center, Innovation Center for Translational Research, Medical Liaison Center, Perinatal Medical Center, Cancer Center, Medical Engineering Center, Regional Medical Support Center, Transplantation Center, Disaster Medical Education and Research Center, Center for Clinical Genetics, Mental wellness Support Center



Exterior of Kusunoki Terrace

In addition to central medical facilities, the hospital includes a Diagnosis and Treatment Department, a Department of Pharmacy, and a Nursing Department, with a total of 845 beds on inpatient floors (795 General Ward beds and 50 Psychiatric Ward beds). The hospital provides medical care to an average of over 1,570 outpatients per day.

As the only advanced treatment hospital in Kumamoto Prefecture, Kumamoto University Hospital works closely with local medical institutions to provide treatment services for complex diseases and advanced medical care (e.g., organ transplantation). Moreover, as a Prefecture-Designated Cancer Treatment Core Hospital, a Core Hospital for AIDS Treatment, and a Kumamoto Prefectural Liver Disease Medical Treatment Core Hospital, Kumamoto University Hospital plays a central role in regional disease treatment.

In order to safely provide the highest levels of medical care, Kumamoto University Hospital has enhanced its medical infrastructure with advanced technologies like the da Vinci Xi surgical assistance robot, a neonatal ambulance, and a hybrid operating room.

In December 2024, the Kusunoki Terrace was opened to further improve services not only for faculty, staff, and students of the university, but also for patients and visitors to the hospital, with a convenience store, bus waiting area, and pharmacy on the first floor, a restaurant and bakery on the second floor, and a multipurpose conference room on the third floor that can be used by non-university users.

#### Mission

Through advanced medical safety management, Kumamoto University Hospital practices "patient first" medical care, is dedicated to medical development and educating medical professionals, and contributes to the health and welfare of its community.

#### Vision

- ◆ We provide safe, reliable, and high-quality medical services thanks to our advanced medical safety management systems
- We are dedicated to excellence in patient care for respecting patient's wishes, anticipations and requests
- We develop and promote advanced medical care and educate outstanding medical professionals
- We contribute to local community by acting as a base for medicine and disaster prevention
- We are dedicated to practice sound operation and management to achieve our philosophy

URL: https://www.kuh.kumamoto-u.ac.jp/en/index.html

University Library 附属図書館







The University Library is composed of the Higo Mirai Library (Central Library), the Medical Library and the Pharmacy Library. It provides information resources and services to support the University's educational and research activities. The Higo Mirai Library is open from 8:40 a.m. to 10:00 p.m. from Monday to Friday, and 12:00 p.m. to 6:00 p.m. on Saturdays and Sundays. (except for the vacations)

Library Holdings (As of March 21st 2025)

Library Holdings (As of March 31st, 2025)			
	Books	Periodicals	
Higo Mirai Library (Central Library)	1,048,802	15,160	
Medical Library	173,162	5,387	
Pharmacy Library	35,004	973	
Total	1,256,968	21,520	

#### **Special Collections of Books and Manuscripts**

#### 1. The Aso Manuscript Collection

This impressive collection of historical documents, formerly kept at Aso Shrine, contains a wealth of information relating to the Nanbokucho and Kamakura Periods. Of the 1,047 items of this collection, 34 volumes of 304 letters and 36 manuscripts have been designated as Important Cultural Properties.

#### 2. The Hosokawa Manuscript Collection

This is the largest collection of primary source materials on the administration of the Hosokawa government (Hosokawa Han), ranging from the Nanbokucho Period to the early Meiji Period.

Special Collections from the 17th century and Meiji period







Kumamoto University Library Official Mascot "KUMAPON"

URL: https://www.lib.kumamoto-u.ac.jp/eng/howtouse

## LOCAL AND OVERSEAS OFFICES

#### **Local Offices**

#### **Kumamoto University Tokyo Office**

東京オフィス

#### Established: April 2004

Scope:

- 1. Provides support for university-industry collaborations
- Offers information regarding the educational research activities of KU to businesses, the government, and other public offices and organizations
- 3. Offers information regarding entrance exams to prospective students, and provides support to KU students who are seeking jobs
- 4. Collaborates with alumni associations
- 5. Conducts seminars and organizes various gatherings

Address: 4F Hibiyachunichi Building, 2-1-4, Uchisaiwaicho, Chiyoda-ku, Tokyo 100-0011, Japan



#### Kumamoto University Kansai Liaison Office

関西リエゾンオフィス

#### Established: October 2009

Scope:

- Promotes collaboration with industry and government offices in the Kansai region, and promotes technology transfers
- Provides technical consultation, and conducts meetings and collaborative research gatherings
- 3. Exhibits research processes and engages in public relations activities
- Distributes pamphlets and provides information about the entrance exams of KU, and assists students in finding jobs
- 5. Collaborates with alumni associations
- 6. Conducts seminars and other gatherings

Address:

South Facility #2203, Creation Core Higashi Osaka 1-4-1 Aramoto Kita, Higashi Osaka City, Osaka 577-0011, Japan



#### **Overseas Offices**

#### Kumamoto University Liaison Office at KAIST

韓国KAISTオフィス

Established: September 2008

Scope

- 1. Promotes research collaboration
- 2. Supports the joint symposiums of KU and KAIST
- Provides information about KU and its entrance exams, and assists with public relations activities various gatherings

Address:

KAIST Biomedical Research Center 291 Daehak-ro (373-1 Guseong-dong),

Yuseong-gu, Daejeon 305-701, Korea



#### **Kumamoto University Liaison Office at ITS**

インドネシアITSオフィス

#### Established: April 2010

Scope

- 1. Promotes academic and student exchanges with partner institutions
- Cultivates Indonesian students who are interested in studying at KU, and assists students who are preparing to come to KU to study
- **3.** Promotes international collaboration of the university, industry and government
- Provides information about KU and its entrance exams, and assists with public relations activities
- 5. Supports alumni activities

Address:

ITS International Office Gedung Rektorat Lantai 1 Kampus ITS Keputih-Sukolilo Surabaya Jawa Timur, 60111, Indonesia



#### **Kumamoto University Sudan Office**

Established: June 2016

Scope:

- 1. Service as a base of research and educational exchange in Africa
- 2. The dissemination of information on Japan and Kumamoto University to students and academic staff of exchange partner universities in Africa
- The establishment of a network of alumni and similar groups and persons in Africa
- 4. Service as a base of Kumamoto University's activities in Africa

Address:

Faculty of Pharmacy, University of Khartoum. P.O. Box: 1996, AlQasr street,

Khartoum 11111, Sudan



スーダンオフィス

#### **Kumamoto University Liaison Office at STUST**

Established: March 2019

Scope:

- 1. Promotes academic and student exchanges with partner institutions in Taiwan
- 2. Promotes international collaboration with partner intuitions in Taiwan
- 3. Provides information on Japan and KU to academic and students in Taiwan
- 4. Strengthens networks of alumni and relevant affiliates in Taiwan
- 5. Supports other international engagements of KU in Taiwan

Address:

Southern Taiwan University of Science and Technology (STUST) Office of International Affairs (W804), No. 1, NanTai Street, Yongkang Dist., Tainan City 71005. Taiwan R.O.C



台湾南台オフィス

#### Kumamoto University Liaison Office in Tanzania

タンザニアオフィス

#### Established: October 2020

Scope:

- 1. Service as a base of joint research in Tanzania and Sub-Saharan Africa
- Promotes Faculty, staff and student exchange programs in Tanzania and Sub-Saharan Africa
- 3. Builds networks of alumni and relevant people in Tanzania and Sub-Saharan Africa

Address:

Office of Research and Publications, Muhimbili University of Health and Allied Sciences, 9 United Nations road, Upanga, Dar es Salaam, Tanzania



#### **Six National Universities Joint Office**

Established as a joint office of six national universities

(Chiba Univ., Niigata Univ., Kanazawa Univ., Okayama Univ., Nagasaki Univ. and Kumamoto Univ.)

#### Six National Universities Network (SUN) Changchun Joint Office

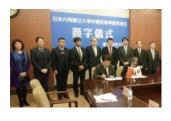
国立六大学長春共同事務所

#### Established: November 2014

Scope:

- Provides information regarding Japan and SUN to students and the faculty of partner institutions in northeastern China
- 2. Builds networks of alumni and other relevant people in northeastern China
- 3. Strengthens the relationship with other partner institutions in northeastern China
- 4. Promotes SUN's various activities in northeastern China

Address: Jingyue Campus of Northeast Normal University, Changchun, Jilin, China



#### Six National Universities Network (SUN) ASEAN Platform of SixERS

国立六大学バンコク事務所

#### Established: July 2017

Scope

- The dissemination of information on academic and cultural ties between Japan Joint implementation of student exchange programs in Thailand and other
- ASEAN countries Dissemination of information on Japan and the six universities to students and academic staff in Thailand and other ASEAN countries
- **3.** Promotion of international industry-academia-government collaborative programs in Thailand and other ASEAN countries
- Promotion of exchanges with ASEAN University Network (AUN) member universities

Address:

KMUTT Knowledge Exchange for Innovation Center (KX) 12F

110/1 Krung Thonvuri Road, Banglamphulang,

Khlongsan, Bangkok 10600, Thailand



#### Six National Universities Network (SUN) Surabaya Office of SixERS

国立六大学スラバヤ事務所

#### Established: April 2020

Scope:

- The dissemination of information on academic and cultural ties between Japan Joint implementation of student exchange programs in Indonesia and other
- 2. ASEAN countries Dissemination of information on Japan and the six universities to students and academic staff in Thailand and other ASEAN countries
- 3. Promotion of international industry-academia-government collaborative programs in Indonesia and other ASEAN countries
- Promotion of exchanges with ASEAN University Network (AUN) member universities

Address: Same as Kumamoto University Liaison Office at ITS



## KUMAMOTO UNIVERSITY CAMPUS MUSEUM · HISTORICAL ARCHITECTURE

The main building of the former Fifth High School, now the Memorial Museum, is the symbol of Kumamoto University. The building has been designated as a National Important Cultural Property, along with the Chemical Laboratory, the Front Gate, and the Museum of the Engineering Faculty. We also preserve the tangible cultural properties of the Yamasaki Memorial Hall on the Honjo campus and the Kumayaku Museum on the Oe campus. We are planning to create the "Kumamoto University Campus Museum," which will consist of these buildings and artifacts.

#### The Memorial Museum of the Fifth High School

五高記念館

(National Important Cultural Property)



http://www.goko.kumamoto-u.ac.jp/en/

The Fifth High school was established for young boys as the most prominent educational institution in Kyushu in 1887. Jigoro Kano, Yakumo Koizumi (Lafcadio Hearn) as well as Soseki Natsume were among the more celebrated professors who taught here. Even after 130 years, the original Fifth High School building is still well-maintained and very much appreciated by the public.

Hours	10:00 – 16:00	
	(admission until 15:30)	
Admission	Free	
Closed	Tuesdays (May be closed on other days, depending on	
	circumstances.)	

#### The Front Gate (The Red Gate)

表門(赤門)

(National Important Cultural Property)



The front gate of the Fifth High School is popularly known as the Red Gate (AKAMON) and is still the dignified main gate of the north campus of Kumamoto University.

#### The Chemical Laboratory of the Fifth High School

(National Important Cultural Property)



This building was used as the lab for chemical experiments. There is a row of labs as well as a tiered lecture hall with a corridor situated on the west side.

#### The Museum of the Engineering Faculty

工学部研究資料館

(National Important Cultural Property)



This building was constructed in 1908 as a machine laboratory for students of the former Kumamoto Junior College of Technology. The exhibits include various machines and tools still in working condition. The public is welcome to visit the museum in every third Thursday afternoon, during Open Campus Days, and the University Festival.

#### Honjo Campus (School of Medicine, University Hospital)

#### Higo liku Museum (Medical Education Museum)

肥後医育ミュージアム

The museum collects and exhibits valuable materials to demonstrate the tradition and history of the medical education Higo (Kumamoto) has provided over time. The materials range from those of *Saishunkan*, a medical school founded by the feudal lord *Hosokawa Shigetaka* in 1756, to the current Kumamoto University School of Medicine.

Hours	10:00 – 17:00	
	(admission until 16:30)	
Admission	Free	
Closed	Saturday Sunday and holidays	







#### Yamasaki Memorial Hall

山崎記念館

(Registered Tangible Cultural Property)

This hall was built in 1931 to commemorate the great achievements of Dr. *Yamasaki Masatada*, the restorer of the School of Medicine. To preserve this building, it was carefully dragged, intact, 48 m for relocation when the Central Examination Building was constructed in 2006.

\* Not open to the public





#### Oe Campus (School of Pharmacy)

#### The Kumayaku Museum (Kumayaku Alumni Hall)

熊薬ミュージアム

This museum exhibits valuable materials and rare experimental tools related to the School of Pharmacy, which has more than 140 years of history. It also has various sections to introduce information about medication.

Hours	9:00 – 17:00
Admission	Free
Closed	Saturday, Sunday, and holidays







## INITIATIVES TO DEVELOP PROMINENT RESEARCH

# ■ Kumamoto University Challenging Research Project ■ わかば研究推進事業 ~WAKABA Research Project~

The WAKABA Research Project supports free, challenging, and interdisciplinary research topics by young researchers that are not bound by existing frameworks.

Project	Project Researcher
Design of a Human-Centered Surgical Support System Based on Cognitive Adaptive Control Theory	UEMURA Munenori
Residual Strength and Reinforcement for Reused Timber Structural Joints Subjected to Abrasion and Caving Fatigue	KUROIWA Yuki
Functional Analyses of Seminal Vesicle Secretions on Fertilization and Embryogenesis	NODA Taichi
Mitochondrial tRNA Modification Defect Induces Myelodysplastic Syndrome	MORISHIMA Tatsuya

#### ■ Cross Frontier Research Project ■ クロス・フロンティア研究推進事業

The Cross Frontier Research Project supports basic research by research teams aiming to create new value and achieve breakthroughs by incorporating findings and methodologies from different research areas. This project provides two-year funding for Project A, which focuses on semiconductors, and Project B, which is an open research theme.

Project A	Project Member
Development of Temperature Digital Twin Utilizing Semiconductor	ARIMA Yuichiro LIU Norika UMEMOTO Terumasa MOMOSE Takeshi WAKEJIMA Akio TODA Masashi NAKASHIMA Yuta
Measuring Deep Body Temperature Using a Semiconductor Chip Inside a Cell	OHKAWA Takeshi IIDA Masahiro KUBOKI Takeshi MOMOSE Ken TAKIZAWA Hitoshi ASAI Rieko MIHARADA Kenichi
Formation of In Vitro Tumor Model Based on Cell Morphology Processing Technique Applying Semiconductor Processing Technique and Application to Pathology Elucidation	NAKASHIMA Yuta IWATSUKI Masaaki FUJIWARA Yukio YANO Hiromu
Point-of-Care Device for Early Detection of Esophageal Cancer Using Soft Palate Al Image Analysis Technology	TANAKA Yasuhito AMAGASAKI Motoki NAGAOKA Katsuya KIYAMA Masato WAKI Kotaro

Project B	Project Member
Exploring the Biomarkers of Sports Fatigue by Measuring Modified Nucleosides in Urine and Association with Competition Quality	NAGAYOSHI Yu SUENAGA Yusuke
Application Studies for Social Implementation of Mosquito Habitat and Plant Life Environment Correlati Model Based on GIS Technology	VONEJIMA Mayuko WATANABE Takashi SUGIMURA Koji SHINZATO Akito
Development of Al Models for Species Fruit and Insect Indentation Classification in Archaeology	Mendonca dos Santos Israel OBATA Hiroki

### ■ Globally-Advanced Research Σ Project ■ 国際先端研究拠点 Σプロジェクト

#### IDA Shintaro, Institute of Industrial Nanomaterials



#### **Nanosheet Photocatalysts for Hydrogen Production**

The Institute of Industrial Nanomaterials (IINa) is focused on the development of functional two-dimensional (2D) nanomaterials and surface/grain boundary materials created under extreme conditions. IINa maintains the only explosion testing facility in Japan and an exceptional pulsed power testing facility, and is highly experienced at creating materials under extreme conditions. 2D nanomaterials have attracted significant worldwide attention due to their excellent material properties, and it is expected that to be that an entirely new industries will be established.

Professor Shintaro Ida's research investigates functional 2D materials with a thickness of only one nm (one billionth of a meter) at the molecular level. His work focuses on the functional materials and application of the two-dimensional nanosheets synthesized from various elements of the periodic table. He is also investigating special structures that can

be created using 2D materials but not with ordinary materials. Since nanosheets are obtained by exfoliating layered materials, Dr. Ida says that it is possible to impart various properties into the nanomaterials, such as electrical conductivity, semiconductor properties, or the ability for protons and ions to pass through the material. Currently, he is concentrating on semiconductor nanosheets with photocatalyst functionality, i.e., breaking water into hydrogen and oxygen using only sunlight. Since hydrogen does not emit CO2 when burned, it can be used as a fuel to help reduce CO2 emissions. Now however, fossil fuels are the main source of hydrogen so the discovery of an effective photocatalyst could lead to the development of an energy system independent of fossil fuels.

#### NAKAMURA Akira, Institute of Molecular Embryology and Genetics



# International Research Enhancement Project for Stem Cell Biology and Developmental Medicine

Globally-Advanced Research  $\Sigma$  Project at IMEG is dedicated to advancing the fields of developmental medicine and stem cell biology, while strengthening the institute's global presence. We are dedicated to conducting comprehensive research, ranging from elucidating the fundamental principles of development biology to exploring medical applications. We promote the activities of the High-Depth Omics Research Center, established in 2022, and also prioritize the training of young researchers in this field.

We provide specialized support for single-cell RNA-seq, ChIP-seq, ATAC-seq, mass spectrometry, and data analysis through our team of skilled professionals at the Research Support Facility within IMEG. To foster productive discussion

within our institute, we regularly organize monthly Next-Generation Sequencing (NGS) roundtable discussions and information exchange sessions every month. Through these interactions, we stay abreast of the latest technologies and trends in NGS analysis.

Beyond the confines of your institute, we actively disseminate our research findings and seek international collaborations, leveraging our extensive research network. To this end, we generously support young researchers in presenting their work at international conferences and co-organizing workshops and symposiums at national academic meetings. We even offer partial support for publication fees and open access costs for papers where young researchers take the lead as first authors or corresponding authors.

In fiscal year 2025, we will organize the IMEG International Symposium, "4D Omics in Development and Disease," in collaboration with the Research Center for High-Depth Omics and the 4D System Development and Regenerative Science Initiative. Through these initiatives, we aim to enhance information sharing and strengthen a robust network for cutting-edge research.

**UENO Takamasa,**Joint Research Center for
Human Retrovirus Infection



#### International Research Center Aiming at the Control of AIDS

Over 35 million people are still living with HIV-1 infection, and nearly two million people die of AIDS-related illnesses each year in the world. In addition, among developed countries, our country has been experiencing increased incidences of HIV-1 infection. Thus, HIV/AIDS remains a substantial threat to the global health, and developing an HIV vaccine and therapies to cure HIV/AIDS have still been a global challenge. New program "International Research Center Aiming at the control of AIDS" intends to enhance and expand international research and education core based on the framework of the successfully implemented global COE "Global Education and Research Center Aiming at the Control of AIDS" Program over the five years. To do this, we reorganize our mission to make a substantial effort to research studies leading to the development of (1) new therapies to cure HIV/AIDS and (2) an HIV/AIDS vaccine. Also,

in collaboration with the newly reformed Educational Program for Advanced Research in Infectious Diseases and AIDS, this program intends to enhance capacity-building opportunities, and thereby junior-level scientists and graduate students can be self-standing and globally visible. Collectively, we will contribute to constructing a distinguishable platform that fosters leading-edge research and education in HIV/AIDS field through our expanding intercontinental academic/education partnerships.

**KAWAMURA Yoshihito,** Magnesium Research Center



#### **International Research Core for Advanced Magnesium Alloys**

Currently there is a high demand in the transportation industry for light-weight structural components to reduce both energy consumption and  $CO_2$  emissions. Magnesium is the lightest structural metal and Mg alloys are now used in a wide range of applications for structural and functional benefits. In addition, biodegradable Mg biomedical devices can provide impactful benefits for people's well-being.

The Magnesium Research Center (MRC) at Kumamoto University, established in December 2011, has been engaging in various Mg-related research endeavours including alloy and process design, physical metallurgy fundamentals, mechanical metallurgy, corrosion, surface treatment, and recycling. The MRC has developed several advanced new generation Mg alloys that have an excellent balance of mechanical performance, non-flammability, and corrosion

resistance under the "KUMADA/Mg" name. The MRC has three key goals, (1) provide state-of-the-art research and education, (2) help the development and use of KUMADA/Mg alloys into actual applications, and (3) establish a global research network to significantly enhance collaboration with universities, research institutes, and industries from around the world.

### Ku Globalization Strategy

Kumamoto University was selected for the "Top Global University (TGU) Project," a project of the Ministry of Education, Culture, Sports, Science and Technology (MEXT) in 2014, and under the concept name of "A Leading University Cultivating Global Leaders from Kumamoto," made various efforts to become a truly global university that leads Japan with its educational and research strengths, and completed its final year in 2023.

Building on these achievements, Kumamoto University has established the "KU Globalization Strategy" as a compass for further promoting internationalization in education, research, and co-creation with society for the next 10 years after the completion of the TGU project, in order to carry on and further develop the results of this project after its completion.

This strategy categorizes the elements necessary to promote the globalization of Kumamoto University into six elements (Network, Human, Education, Research, System, and Environment), and then sets specific achievement goals envisioned for

- ı Establishment of a Global Network
- Ш Cultivation of Global Human Resources
- Ш Globalization of Education
- IV. Globalization of Research Capability and Industry-Academia Collaboration
- ٧. Globalization of Administration and Strengthening of International Public Relations
- VI. Campus Globalization and Support for Early Intercultural Experiences

Through this strategy, Kumamoto University is enhancing its structure and constitution to meet international standards, positioning itself as a world-class hub for education and research, and in turn, promoting management reform of the entire university.



Top Global University Project, AY2014-2023 A Leading University Cultivating Global Leaders from Kumamoto

## HIGHLIGHTED ACTIVITIES

### Kumamoto University Hosted the 2025 Japan-Taiwan University Presidents' Forum

On July 16, the 2025 Japan-Taiwan University Presidents' Forum was held in Kumamoto City. This year's forum was hosted by Kumamoto University, gathered 158 university presidents, vice presidents, and representatives, with 97 participants from 48 institutions in Japan and 61 participants from 34 institutions in Taiwan

During the forum, presentations on initiatives in education and research were followed by lively discussions among participants.

Following the forum, a reception was held where Kumamoto University's official cultural clubs performed fascinating traditional Japanese music and cheering group's routines, creating a vibrant and friendly atmosphere for networking.

The day after the forum, a cultural tour was organized to deepen participants' understanding of Kumamoto's natural environment and its recovery efforts following past disasters.



A Commemorative Photo



A Tour to the Kumamoto Earthquake Museum-KIOKU

### Kumamoto University Hosted the Mansfield Foundation's Program

Kumamoto University is pursuing collaborative projects under its agreement with the Maureen and Mike Mansfield Foundation (The Mansfield Foundation) in the United States. As part of these projects, on June 12, 2025, Kumamoto University hosted a discussion session with the cohort of the U.S.-Japan Network for the Future, a program jointly organized by the Mansfield Foundation and the Japan Foundation, which was designed to build and enhance a network of Japan specialists that can bring diverse expertise and perspectives to the bilateral policy-making process in the mid- and long-term.

The presentation covered the history of Japan's semiconductor policy and the current landscape in Kyushu and Kumamoto, which generated numerous questions and lively interest from the cohort.



During the Discussion

### **UNU Rector Tshilidzi Marwala Delivered a** Special Lecture on Advancing SDGs at **Kumamoto University**

On July 8th, Professor Tshilidzi Marwala, the Rector of the United Nations University (UNU) and United Nations Under-Secretary-General, visited Kumamoto University to deliver a special lecture titled "UNU and its Role in Advancing SDGs."

In his lecture, Rector Marwala provided an insightful overview of the history and mission of UNU, emphasizing its role in bridging the gap between the United Nations and academia through solutionsfocused research. He discussed the critical contributions of UNU toward achieving the Sustainable Development Goals (SDGs). highlighting the importance and challenges of Artificial Intelligence (AI) in advancing these global goals.

The lecture was attended by over 200 participants in-person and over 100 participants online, including students and faculty members of Kumamoto University, as well as many members of the general public.



Rector Marwala Delivering the Lecture



Photo with the Participants Attended on Site

# INTERNATIONAL EXCHANGE AGREEMENTS

chart

## LISTS OF INTER-UNIVERSITY EXCHANGE AGREEMENTS

127 partner institutions (41 countries and regions)

(As of May 1, 2025)

Panion					
Region	Country	University/Institute	Since	Student Exchange	Doubl Degre
	BurkinaFaso	University Ouaga I Professor Joseph KI-ZERBO	2016		
	Congo	University of Mbuji-Mayi	2015		
	Djibouti	Djibouti University	2013		
Africa	Egypt	Ain Shams University	2019		
	Едурі	Suez Canal University	2006		
	Sudan	University of Khartoum	2020		
	Tanzania	Muhimbili University of Health and Allied Sciences	2016	•	
		The University of Dhaka	2000		
	_ <del>`</del> _	Royal University of Phnom Penh	2016		
	Camboula	Beijing University of Technology	2011	_	
		Center for Hui Studies of Anhui University	2015	-	
		,		-	
		Chongqing University	2014	_	
		Dalian University of Technology	2006	-	
		East China University of Political Science and Law	2011		
		Guangxi Medical University	2018		
		Guangxi Normal University	2005		
		Guilin University of Technology	2015		
		Jilin University	2009		
		Nanchang University	2006	Ŏ	
	China	Nanjing Normal University	2015	_	
		,			
		Nankai University	2009	_	
		Northeast Normal University	2014	_	
		Northeastern University	2010		
		Shandong University	2009		*
		Shanghai Normal University	2008		
		Shenzhen University	2011		
		Tongji University	2005	_	
		University of Macau	2011	_	
		•		_	
	L. P.	Wuhan University of Technology	2016		
	India	Indian Institute of Science	2022	_	
		Airlangga University	2013	_	
	Indonesia	Gadjah Mada University	2018		
		Institut Teknologi Bandung	2011		*
		State Islamic University of Sunan Ampel Surabaya	2018		
		Telkom University	2024		
Asia		The Consortium of Institut Teknologi Sepuluh	2008	•	*
		Udayana University	2015		
		University of Brawijaya	2016	-	
		, , ,	2016	_	
		University of Indonesia	_	_	
		Ajou University	2011	_	
		Chonbuk National University	2012		
		Chosun University	2009		
		Chosun University Dong-A University	2005	•	
				•	
	Korea	Dong-A University Hannam University Korea Advanced Institute of Science and	2005	•	
	Korea	Dong-A University Hannam University Korea Advanced Institute of Science and Technology	2005 2016 2006	•	***
	Korea	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University	2005 2016 2006 1999	•	*
	Korea	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University	2005 2016 2006 1999 2011	•	*
	Korea	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University	2005 2016 2006 1999 2011 2012	• • •	*
		Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul	2005 2016 2006 1999 2011 2012 2011	• • • •	*
	Malaysia	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia	2005 2016 2006 1999 2011 2012 2011 2012	•	*
	Malaysia	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul	2005 2016 2006 1999 2011 2012 2011	•	*
	Malaysia Mongol	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia	2005 2016 2006 1999 2011 2012 2011 2012	• • • • • • • • • • • • • • • • • • •	*
	Malaysia Mongol Myanmar	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia Mongolian University of Life Sciences Pathein University	2005 2016 2006 1999 2011 2012 2011 2012 2013	• • • • • • • • • • • • • • • • • • •	***
	Malaysia Mongol	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universit Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010	• • • • • • • • • • • • • • • • • • •	*
	Malaysia Mongol Myanmar Nepal	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universit Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010	• • • • • • • • • • • • • • • • • • •	***
	Malaysia Mongol Myanmar Nepal	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universit Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010 2016 2002	0	*
	Malaysia Mongol Myanmar Nepal	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman University of the Philippines Los Banos	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010 2016 2002		*
	Malaysia Mongol Myanmar Nepal	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universit Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman University of the Philippines Los Banos Chang Jung Christian University	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010 2016 2002		*
	Malaysia Mongol Myanmar Nepal	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universit Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University The University of Philippines, Diliman University of the Philippines Los Banos Chang Jung Christian University Fisheries Research Institute, Ministry of	2005 2016 2006 1999 2011 2012 2011 2012 2013 2016 2010 2016 2002		***
	Malaysia Mongol Myanmar Nepal Philippines	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman University of the Philippines Los Banos Chang Jung Christian University Fisheries Research Institute, Ministry of Agriculture	2005 2016 2006 1999 2011 2012 2011 2012 2016 2016 2002 2016		**
	Malaysia Mongol Myanmar Nepal Philippines	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman University of the Philippines Los Banos Chang Jung Christian University Fisheries Research Institute, Ministry of Agriculture National Cheng Kung University	2005 2016 2006 1999 2011 2012 2013 2016 2016 2002 2015 2016 2016		*
	Malaysia Mongol Myanmar Nepal Philippines	Dong-A University Hannam University Korea Advanced Institute of Science and Technology Pai Chai University Pukyong National University Pusan National University University of Seoul Universiti Sains Malaysia Mongolian University of Life Sciences Pathein University Pokhara University Ateneo de Manila University The University of Philippines, Diliman University of the Philippines Los Banos Chang Jung Christian University Fisheries Research Institute, Ministry of Agriculture	2005 2016 2006 1999 2011 2012 2013 2016 2016 2002 2015 2016 2016 2016 2014 2024		***

Region	Country	University/mstitute	Silice	Exchange	Degri
		National Taiwan University	2024		
		National Tsing Hua University	2015	•	
	Taiwan	National University of Kaohsiung	2016	•	
		National Yang Ming Chiao Tung University	2023		
		Southern Taiwan University of Science and	2000		*
		Technology	2008	_	
		Burapha Univeristy	2017		
		Chiang Mai University	2018	•	*
		Chulalongkorn University	2019		
		Kasetsart University	1994		
		Khon Kaen University	2004	•	*
	Thailand	Mae Fah Luang University	2016	•	
Asia	IIIalialiu	Mahidol University	2013		*
		Suranaree University of Technology	2023		
		Thammasat University	2024		
		The Chulabhorn Research Institute, The Chulabhorn Graduate Institute	2022	•	
		Prince of Songkla University	2024		
		Foreign Trade University	2016		
		Hanoi University of Civil Engineering	2010	_	
		Ho Chi Minh City University of Technology	2010	_	
	Vietnam	Hue University	2010		
		University of Languages and International Studies, VNU	2016		
		VNU University of Science	2007		Ĺ
	Azerbaijan	Baku State University	2019		
	_	University of West Bohemia	2020	_	f
	0_00	AIX-MARSEILLE University	2016	_	
	France	Bordeaux Institute of Technology(IPR)	2006	_	
		University Bordeaux Montaigne	2017		
		University of Bordeaux	2007	_	×
		Heinrich Heine University Dusseldorf	2017		/*
	Germany	RWTH Aachen University	2020	_	
		Saarland University	2001		
	Hungary	Pazmany Peter Catholic University	2015		
	Ireland	South East Technological University	2013		
	Italy	University of Padova	2018		
			_		H
Europe		Kyrgyz-Turkish Manas University	2022	_	
	Latvia	Riga Technical University		-	
	Poland	Lublin University of Technology	2015		
	Dantonal	University of Warsaw	2009		
		University of Coimbra	2024	-	
		University of Bucharest	2015		
	Russia	Kazan Federal University	2021		
	Siovenia	University of Maribor	2016	_	
		University of Santiago de Compostela	2018		
	Spain	University of Valencia	2014		
		Valladolid University	2018		
		Durham University	1993		
	UK	The University of Birmingham	1993		
		University of Leeds	2006		
Middle	Türkiye	Canakkale Onsekiz Mart University	2015		
East	. ai Kiye	Ege Univetrsity	2000		
	Canada	McGill University	2016		L
	Janaua	University of Alberta	2001		
		Montana State University	1987		Ĺ
		The University of Montana	1987		
North America		The University of Texas at San Antonio	2010		
-iiiciiicd	USA	University of Massachusetts Boston	2016		
		University of North Carolina at Charlotte	1990		
		Virginia Commonwealth University	1989		
		Wright State University	2017		
		,	2014		
		Oueensland University of Technology			
Oceania	Australia	Queensland University of Technology  Liniversity of Technology Sydney			
		Queensland University of Technology University of Technology Sydney Autonomous University of Nuevo Leon	2017	_	

Student Exchange

<sup>\*</sup>Double Degree Program

# INTERNATIONAL EXCHANGE AGREEMENTS

## LISTS OF INTER-DEPARTMENT EXCHANGE AGREEMENTS

136 partner institutions (41 countries and regions)

(As of May 1, 2025)

	Country Congo	University /Insitute University of Kinshasa	Department School of Pharmaceutical Sciences	Main Counterpart in KU Faculty of Life Sciences	Since 2019	Eithan	1
			Faculty of Pharmaceutical Sciences and	,			
ca	Egypt	Future University in Egypt	Pharmaceutical Industries	Faculty of Life Sciences	2019		
	Kenya	Pwani University	School of Humanities and Social Sciences	Faculty of Letters	2015		Ц
	Republic of South Africa	University of the Western Cape		Faculty of Life Sciences	2018		
	Donaladach	Bangladesh University of Engineering and Technology (BUET)	Institute of Water and Flood Management (IWFM)	Faculty of Advanced Science and Technology	2022	•	)
	Bangladesh	Noakhali Science And Technology University	Faculty of Engineering and Technology, Faculty of Science	Faculty of Advanced Science and Technology	2018	•	)
	Cambodia	University of Health Sciences		Graduate School of Pharmaceutical Sciences	2016	•	,
		Chinese Academy of Medical Sciences	The Keet of the section of Oh and the of	School of Medicine	1983		
		Chinese Academy of Sciences (CAS)	The Key Laboratory of Chemistry of Northwestern Plant Resources (CNPR), Lanzou Institute of Chemical Physics (LICP)	Faculty of Advanced Science and Technology	2018		
		Guangxi University		Faculty of Engineering	2007		
		Hangzhou Normal University	School of Foreign Language	Faculty of Letters Institute of Resource Development and	2010		
		Harbin Medical University		Analysis	1999		)
		Nanning Health School		Faculty of Life Sciences	2020		
		National Institutes for Food and Drug Control		Institute of Resource Development and	2012		
	Obline	(NIFDC) Peking University	College of Engineering	Analysis Faculty of Advanced Science and Technology	2008		
	China		- College of Engineering	Kumamoto Innovative Development	2013		
		Shanghai Jiao Tong University	Cohool of Modinies Deserting of the land	Organization	2013		
		Shanghai Jiao Tong University	School of Medicine, Department of Laboratory Animal Scienses	Institute of Resource Development and Analysis	2018		
		Shenyang Jianzhu University	Civil Engineering College, Municipal and Environmental Engineering College, Transportation Engineering College, Graduate School	Faculty of Advanced Science and Technology	2010	•	•
		Xian University of Technology	Graduate School and Faculty of Mechanical and Precision Instrument Engineering	Faculty of Advanced Science and Technology	2020	•	)
		Zhejiang Gongshang University	School of Tourism and City Administration (STCA)	Graduate School of Science and Technology	2016	•	)
		Zhejiang University	School of Medicine	Faculty of Life Sciences	2010		
		Alva's Institute of Engineering & Technology	5 11 65 1 1 2 7 1 1	Faculty of Engineering	2017		
	India	Annamalai University  Manipal University	Faculty of Engineering & Technology	Faculty of Advanced Science and Technology Faculty of Engineering	2006		
		National Institute of Technology Karnataka		Faculty of Engineering	2009	H	
ı		Hasanuddin University	Faculty of Engineering	Faculty of Advanced Science and Technology	2015	•	į
		Islamic University of Indonesia	Faculty of Industrial Technology	Faculty of Engineering	2017		j
		Telkom University	Electrical Engineering School, Graduate School	Faculty of Advanced Science and Technology	2014	•	J
	Indonesia	Universitas Negeri Malan	Engineering Faculty, Research Institute and Community Engagement	International Research Organization for Advanced Sceience and Research	2023		
		Universitas Negeri Surabaya	Faculty of Engineering	Faculty of Engineering	2020	•	į
		University of Padjadjaran	Faculty of Pharmacy	Faculty of Life Sciences	2020		
		Hanyang University	College of Pharmacy	Faculty of Life Sciences	2023		
		Hanyang University	Department of Marine Science and Convergence Engineering, BK Educational Research Center	Faculty of Advanced Science and Technology	2021	•	
		Korea Institute of Industrial Technology	Advanced Process and Materials R&BD Group	Faculty of Engineering	2003		
		Korea Institute of Materials Science	Light Metal Division	Magnesium Research Center	2014		
		Korea Maritime and Ocean University  Korea Research Institute of Bioscience and	College of Engineering	Faculty of Engineering Institute of Resource Development and	2011		
		Biotechnology(KRIBB)	Laboratory Animal Resource Center	Analysis	2013		
	Voroa	Korea University	College of Engineering,Future and Fusion Lab of Architectural,Civil and Environmental Engineering	Faculty of Advanced Science and Technology	2022	•	)
	Korea	Korea University	College of Health Science	School of Medicine	2007	•	j
, increase		Kosin University	Graduate School and College of Health and	Faculty of Engineering	2011		
		,	Welfare College of Natural Sciences, Teacher's				
		Kyungpook National University		Faculty of Advanced Science and Technology	2014	•	,
		3 31	College Center for Advanced Aerospace Materials	Manage has December C	2015		
		Pohang University of Science and Technology (POSTECH)	Center for Advanced Aerospace Materials (CAAM)	Magnesium Research Center  Magnesium Research Center	2015		
		Pohang University of Science and Technology	Center for Advanced Aerospace Materials	Magnesium Research Center  Magnesium Research Center  Faculty of Advanced Science and Technology	2015 2015 2013		
		Pohang University of Science and Technology (POSTECH) Seoul National University	Center for Advanced Aerospace Materials (CAAM) Magnesium Technology Innovation Center	Magnesium Research Center	2015		
	Laos	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsel University	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering	2015	•	
	Laos	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju	Center for Advanced Aerospace Materials (CAAM) Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment,	2015 2013 2018	•	
	Laos Malaysia	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering	2015 2013 2018 2017	•	
		Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia Universiti Teknologi PETRONAS	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change Centre for Environmental Sustainability and	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment,	2015 2013 2018 2017 2019 2012	•	
		Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia University Technology Malaysia	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change  Centre for Environmental Sustainability and Water Security	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management	2015 2013 2018 2017 2019 2012 2018	•	
	Malaysia	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia Universiti Teknologi PETRONAS University Technology Malaysia National University of Mongolia	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change Centre for Environmental Sustainability and	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Sciences	2015 2013 2018 2017 2019 2012 2018 2013	•	
	Malaysia Mongol	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsel University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia Universiti Teknologi PETRONAS University Technology Malaysia National University of Mongolia Mongolian University of Science and Technology	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change  Centre for Environmental Sustainability and Water Security	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Sciences Faculty of Advanced Science and Technology	2015 2013 2018 2017 2019 2012 2018 2013 2016	•	
	Malaysia	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsei University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia Universiti Teknologi PETRONAS University Technology Malaysia National University of Mongolia Mongolian University of Science and Technology Mandalay Technological University	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change  Centre for Environmental Sustainability and Water Security School of Engineering and Applied Sciences	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Sciences Faculty of Sciences Faculty of Advanced Science and Technology Graduate School of Science and Technology	2015 2013 2018 2017 2019 2012 2018 2013 2016 2015	•	
	Malaysia Mongol	Pohang University of Science and Technology (POSTECH) Seoul National University Yonsel University Yonsei University at Wonju Souphanouvong University Universiti Kebangsaan Malaysia Universiti Teknologi PETRONAS University Technology Malaysia National University of Mongolia Mongolian University of Science and Technology	Center for Advanced Aerospace Materials (CAAM)  Magnesium Technology Innovation Center College of Engineering College of Health Science and Institute of Biomedical Engineering Faculty of Engineering Earth Observation Centre, Institute of Climate Change  Centre for Environmental Sustainability and Water Security	Magnesium Research Center Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Engineering Center for Water Cycle, Marine Environment, and Disaster Management Faculty of Sciences Faculty of Advanced Science and Technology	2015 2013 2018 2017 2019 2012 2018 2013 2016	•	

Region	Country	University /Insitute Fu Jen Catholic University	Department School of Law	Main Counterpart in KU Faculty of Law	Since 2018	Student Exchange	Double Degree
		National Applied Research Laboratories	National Laboratory Animal Center	Institute of Resource Development and	2010		
		National Central University		Analysis Faculty of Life Sciences	2018		
		National Kaohsiung University of Science and Technology	College of Engineering, College of Electrical Engineering and Computer Science	Faculty of Engineering	2009	•	*
	Taiwan	National Taipei University of Technology	College of Mechanical and Electrical Engineering	Faculty of Advanced Science and Technology	2014	•	
		National Yunlin University of Science Soochow University	Technology College of Design School of Law	Faculty of Life Sciences Faculty of Law	2019		
		Takming University of Science and Technology	College of Management	Faculty of Education	2022	•	
		Tamkang University	College of Foreign Languages and Literatures College of Electrical Engineering and	Faculty of Humanities and Social Sciences	2013		
		King Mongkut's Institute of Technology		Faculty of Advanced Science and Technology	2017	•	
		Ladkrabang	Faculty of Engineering	Graduate School of Science and Technology	2019		
Asia		King Mongkut's University of Technology Thonburi King Mongkut's University of Technology	The Joint Graduate School of Energy and Environment	Faculty of Advanced Science and Technology	2016	•	
	Thailand	Thonburi	Welding Research and Consulteing Center	Magnesium Research Center	2019		
		Naresuan University	Faculty of Allied Health Sciences	Graduate School of Health Sciences	2016		<b>N</b> */
		Prince of Songkla University	Faculty of Engineering and Industrial	Faculty of Life Sciences	2019		*
		Silpakorn University	Technology	Faculty of Advanced Science and Technology	2018	•	
		Thammasat University	Faculty of Science and Technology	Faculty of Advanced Science and Technology	2018		
		Institute of Marine Geology and Geophysics (IMGG)		Faculty of Advanced Science and Technology	2017		
		National Centre for Hydrometeorological Forecasting		Center for Water Cycle, Marine Environment, and Disaster Management	2011		
	Vietnam	The University of Danang - University of Science and Technology		Faculty of Advanced Science and Technology	2018	•	
		Vietnam Institute of Geosciences and Mineral Resources (VIGMR)		Graduate School of Science and Technology	2007		
		Vietnam National Museum of Nature (VNMN)		Faculty of Advanced Science and Technology	2012		
	Austria	University of Vienna	Faculty of Philological and Cultural Studies	Kumamoto Innovative Development Organization	2016		
		Academy of Sciences of Czech Republic	Institute of Physics	Faculty of Advanced Science and Technology	2015		
		Charles University Charles University	Faculty of Mathematics and Physics Faculty of Mathematics and Physics	Magnesium Research Center Faculty of Advanced Science and Technology	2018		
	Czech	Technical University of Ostrava / Institute of Geonics Academy of Sciences of the Czech	racary or mainernaics and r hysics	Faculty of Advanced Science and Technology	2009	•	
		Republic University of Chemistry and Technology, Praque		Faculty of Advanced Science and Technology	2010	•	
		University of Pardubice		Faculty of Sciences	2015	•	
	Denmark	University of Copenhagen	Faculty of Humanities	Faculty of Humanities and Social Sciences	2018	•	
		Ecole Nationale Superieure des Mines de Saint-Etienne (EMSE)		Faculty of Advanced Science and Technology	2012	•	
		Grenoble Institute of Technology Institute Sophia Agrobiotech (ISA)		Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology	2011		
		The Institut Pasteur		Institute of Resource Development and Analysis	2015		
	France	Toulouse III Paul Sabatier	Faculty of Sciences and Engineering	Faculty of Advanced Science and Technology	2018	•	
		University of Clermont Auvergne	Engineering Sciences, University School of	Faculty of Sciences	2021	•	*
		University of Clermont Auvergne, Clermont Auvergne Institut National Polytechnique	Physics and Engineering	Faculty of Sciences	2012	•	
		(Clermont Auvergne INP)	ODMO Laboratoria				\*/
		University of Lorraine  Eberhard Karls University of Tubingen	CRM2 Laboratory Faculty of Science	Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology	2014		*
Europe		Karlsruhe Institute of Technology		Faculty of Advanced Science and Technology	2019		
		Leibniz Institute for Applied Geophysics (LIAG)		Graduate School of Science and Technology	2013		
		Philipps-Universitat Marburg	Department of Chemistry  Department of Civil and Environmental	Faculty of Advanced Science and Technology	2018	•	
	C	Ruhr-Universitat Bochum	Engineering Faculty of Georesources and Materials	Faculty of Advanced Science and Technology	2014	•	
	Germany	RWTH Aachen University	Engineering Faculty of Civil Engineering	Faculty of Advanced Science and Technology	2015	•	
		RWTH Aachen University	Faculty of Mechanical, Process and Energy	Faculty of Engineering Faculty of Advanced Science and Technology			
		TU Bergakademie Freiberg	Engineering Engineering	3, 3,	2018		
		University of Bonn	Facultu of Letters Institute of Physics of Faculty of Mathematics	Faculty of Letters	1997		
		University of Rostock	and Natural Sciences Barczi Gusztav Faculty of Special Needs	Faculty of Advanced Science and Technology	2017		
	Hungary	Eotvos Lorand University	Education Education	Faculty of Education	2020	•	
	Italy	The University of Brescia Institute of Chemistry and Chemical		Faculty of Advanced Science and Technology	2020		
	Kyrgyz	Technology of National Academy of Science of the Kyrgyz Republic		Faculty of Advanced Science and Technology	2014		*
	Malta	University of Malta	The Center for Medicine and Biobanking	Faculty of Life Sciences	2019	•	*
	Netherlands Poland	University of Twente  AGH University of Science and Technology	Faculty of Engineering Technology Faculty of Materials Science and Ceramics	Faculty of Advanced Science and Technology Faculty of Advanced Science and Technology	2015		*
	Russia	Novosibirsk State Technical University	Aircraft and Mechanical Engineering Faculties	Institute of Industrial Nanomaterials  Magnesium Research Center	2018		*
	Snain	Togliatti State Univeristy  The Spanish National Posearch Council	Institute of Advanced Technologies	Institute of Resource Development and	2015		
	Spain	The Spanish National Research Council		Analysis	2018		

Region	Country	University /Insitute	Department	Main Counterpart in KU	Since	Student E Exchange E	)ouble Degree
		University of Geneva	Faculty of Science	Faculty of Advanced Science and Technology	2019		
	Switzerland	University of Lausanne	School of Biology, Faculty of Biology and Medicine	International Research Organization for Advanced Sceience and Research	2018	•	
Europe		University of Zurich	Institute of Asian and Oriental Studies, Department of Japanology	Faculty of Letters	2016	•	
	LUZ	Modical Research Council Institute of Resource Development and		Institute of Resource Development and Analysis	2011		
	UK	University of Birmingham	School of Metallurgy and Materials	Graduate School of Science and Technology	2018	•	
		University of Glasgow	The School of Engineering	Institute of Industrial Nanomaterials	2014		
	Iran	Alzahra University	Fuculty of Biological Sciences	Faculty of Advanced Science and Technology	2022		
		Anadolu University		Faculty of Life Sciences	2017		
		Cankiri Karatekin University	Engineering Faculty	Faculty of Engineering	2015		
Middle		Gazi University	Faculty of Engineering, Graduate School of Natural and Applied Science	Faculty of Advanced Science and Technology	2015	•	
East	Türkiye	Gaziantep University	Faculty of Arts and Science, Faulty of Health Sciences	Faculty of Life Sciences	2023		
		Kilis 7 Aralik University		Graduate School of Pharmaceutical Sciences	2017		
		Middle East Technical University	Faculty of Engineering	Center for Water Cycle, Marine Environment, and Disaster Management	2023		
		Queen's University at Kingston		Faculty of Advanced Science and Technology	2014		
	Canada	University of Calgary	Schulich School of Engineering	Graduate School of Science and Technology	2016	•	
		Georgia Institute of Technology	College of Engineering	Faculty of Advanced Science and Technology	1996		
		The Jackson Laboratory		Institute of Resource Development and Analysis	2004		
		Georgia State University	Institute foe Biomedical Sciences	Faculty of Life Sciences	2013		
North America	1104	Michigan State University		International Research Organization for Advanced Sceience and Research	2018		
	USA	University of California, Davis	Mouse Biology Program	Institute of Resource Development and Analysis	2018		
		College of William and Mary	Virginia Institute of Marine Science	Center for Water Cycle, Marine Environment, and Disaster Management	2019		
		University of Florida	Board of Trustees	Magnesium Research Center	2020		
		The University of New Mexico (UNM)	College of Pharmacy	School of Pharmaceutical Sciences	2020		
		The University of Queensland	Division of Materials Engineering	Magnesium Research Center	2013		
		The University of Queensland	Faculty of Engineering, Architecture and Information Technology	Institute of Industrial Nanomaterials	2018		
Oceania	Australia	The Australian National University	Australian Phenomics Facility	Institute of Resource Development and Analysis	2019		
		The Commonwealth Scientific and Industrial Research Organisation (CSIRO)	CSIRO Manufacturing	Faculty of Advanced Science and Technology	2019		
South	Brazil	Technological Institute of Aeronautics		Faculty of Engineering	2017		
	Uruguay	Institut Pasteur de Montevideo		Institute of Resource Development and Analysis	2017		

# Double Degree Programs

Through the cultivation and revitalization of relationships with overseas partner universities, we have established and continue to develop a high-quality student framework that includes 30 unique double-degree exchange programs. These efforts both enhance the global learning environment for Japanese students and attract outstanding international students from overseas.

#### **Lists of Double Degree Programs**

Kumamoto			Counterpart		
<b>Jniversity</b>	Country	University / Ins	stitute	Course	Since
		Institut Teknologi Sepuluh Nopember (ITS)	Graduate Program	Master's / Doctoral	(M)2013 / (D)2008
95	Indonesia	Institut Teknologi Bandung	Graduate School	Master's / Doctoral	(M)2020 / (D)2012
응		Universitas Hasanuddin	Faculty of Engineering	Master's / Doctoral	2023
nou	Korea	Pai Chai University	Graduate School	Doctoral	2012
<del>S</del>	Malaysia	Universiti Teknologi PETRONAS	Centre for Graduate Studies	Doctoral	2020
≝	Philippines	De La Salle University	Gokongwei College of Engineering	Master's / Doctoral	2016
e anc		Southern Taiwan University of Science and Technology	College of Engineering	Master's / Doctoral	(M)2015 / (D)2009
School of Science and Techonology	Taiwan	National Kaohsiung University of Science and Technology	College of Engineering, College of Electrical Engineering and Computer Science	Master's / Doctoral	(M)2017 / (D)2009
o loot	France	University of Bordeaux	Department of Sciences and Technologies	Doctoral	2015
Sch	France	University of Clermont Auvergne		Doctoral	2015
e e		Université de Lorraine		Doctoral	2016
Graduate	Poland	AGH University of Science and Technology	Faculty of Materials Science and Ceramics	Doctoral	2010
Ğ	Kyrgyz	Kyrgyz-Turkish Manas University	Graduate School of Natural and Applied Sciences	Master's / Doctoral	2022
		Mahidol University	Faculty of Medicine Siriraj Hospital	Doctoral	2017
÷		Khon Kaen University	Faculty of Medicine	Doctoral	2017
9 8 8		Chiang Mai University	Faculty of Medicine	Doctoral	2019
School of Sciences	Thailand	Chiang Mai University	Faculty of Associated Medical Sciences	Doctoral	2020
a e		Chiang Mai University	Faculty of Science	Doctoral	2024
g G		Prince of Songkla University	Faculty of Medicine	Doctoral	2019
Graduate Medical 3	Malta	University of Malta	Centre for Molecular Medicine & Biobanking	Doctoral	2021
	China	Shandong University	Cheeloo College of Medicine	Doctoral	2022

 $Latest\ Information \Rightarrow https://ewww.kumamoto-u.ac.jp/en/about/publication-educational-information/11\_double\_degree\_program/linearing for the property of the$ 

# RESEARCHERS AND SCHOLARS EXCHANGES

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1)	- Y	4	U	Z	4

Region	Country	University Staff Sent Abroad	Visiting Foreign Researchers
	Bangladesh	1	10
	China	49	65
	India	25	11
	Indonesia	19	2
	Islamic Republic of Pakistan	0	1
	Kingdom of Cambodia	3	0
	Korea	54	49
	Laos	2	1
	Malaysia	7	5
Asia	Mongol	4	12
ASIa	Myanmar	0	3
	Nepal	0	4
	Philippines	10	3
	Republic of Maldives	1	0
	Singapore	16	0
	Sri Lanka	2	0
	Taiwan	57	100
	Thailand	31	24
	Vietnam	6	1
	Sub-total	287	291
	Afganistan	0	3
	Türkiye	3	7
Middle East	United Arab Emirates	5	0
	Sub-total	8	10
	Burkina Faso	0	1
	Egypt	3	3
	Ghana	0	1
	Islamic Republic of Mauritania	1	0
Africa	Kingdom of Morocco	1	0
	Republic of Kenya Republic of the	0	1
	Sudan South Africa	0	2
	Tanzania	1	0
	Sub-total	8	9
	Australia	9	5
Oceania	New Zealand	2	1
Oceania	Sub-total	11	
	Canada	10	6
North	USA	120	
America	Sub-total		27
		130	29
	Argentine	1	0
South-	Brazil Oriental Republic of Uruguay	1	0
Middle America	Republic of Costa Rica	0	1
	Republic of Peru	2	0
	Sub-total	6	2

Region	Country	University Staff Sent Abroad	Visiting Foreign Researchers
	Austria	6	0
	Belgium	2	0
	Croatia	2	1
	Czech	4	6
	Denmark	3	0
	Finland	4	0
	France	27	9
	Germany	23	7
	Greece	3	0
	Hungary	3	2
	Ireland	1	1
	Italy	8	3
Europe	Kazakhstan	1	2
Lurope	Kyrgyz Republic	0	6
	Malta	0	1
	Netherlands	2	0
	Norway	1	0
	Poland	5	2
	Romania	1	0
	Russia	0	1
	Slovakia	5	0
	Spain	13	3
	Sweden	9	3
	Switzerland	5	1
	UK	35	8
	Sub-total	163	56
Total		613	403

# INTERNATIONAL STUDENTS

				Faculties				Grad	uate Sch	nools	(As of	Mav 1.	2025)
				- dod.i.oo				0,6,6	<u>uato 00.</u>				
Region	Status  Country	Undergraduates	Research Students	Auditors	Special Auditors	Sub-total	Graduates	Research Students	Special Auditors	Special Research Students	Sub-total	Japanese Language Trainees	Total
	Bangladesh China	8	13		14	35	21 228	23		6	21 257	ı	22 292
Asia	India Indonesia Korea Lao People's Democratic Republic Malaysia Mongol Myanmar	1 6	13		17 17 1 1	0 1 23 0 3 2	1 35 4 1 3 3 9	1		1	2 36 4 1 3 3		2 37 27 1 6 5
	Nepal Pakistan Taiwan Thailand Vietnam Sub-total	18	13	0	7 3 44	0 0 7 0 3 75	2 5 4 17 3 336	1 25	1	2	2 5 5 20 3 371	1	2 5 12 20 6 447
Middle East	Iran Türkiye Sub-total	0	0	0	2 2	0 2 2	3 1 4	0	0	0	3 1 4	0	3 3 6
South- Middle America	Brazil Mexico Sub-total	0	0	0	0	0 0	2	0	1	0	2 1 3	0	2 1 3
Africa	Angola Chad Democratic Republic of the Congo Djibouti Egypt Ghana Kenya Malawi Mauritania Mozambique Nigeria Republic of Cote d'Ivoire Rwanda Senegal Sierra Leone Sudan Tanzania Togo Tunisia Sub-total Armenia	0	0	0	1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 8 4 6 1 1 1 1 1 1 1 1 2 2 10	0	0	0	0 1 1 2 8 4 6 1 1 1 1 1 1 2 10 0 0	1 1 2	1 1 1 2 8 4 6 1 1 1 1 1 1 2 10 1 47
Europe	Azerbaijan Bulgaria Czech France Georgia Germany Kazakhstan Kyrgyz Malta North Macedonia Russian Federation Slovenia Spain Swiss UK Sub-total	0	0	0	1 7 1 1 2 12	0 0 11 0 0 0 0 0 0 0 0 0	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	2 1	1 2 1 12	0 0 3 3 1 1 1 1 1 2 1 1 0 2 5	1	1 1 3 16 1 1 1 1 1 1 1 2 2 2 3 3
Oceania	Australia Independent State of Samoa Sub-total	0	0	0	1	1 0 1	1 1 2	0	0	0	1 1 2	0	2 1 3
North America	USA Sub-total 6 countries)	0	0	0	2 2 62	2 2 93	0 398	0 25	0 5	0 21	0 0 449	0	2 2 546

### JAPANESE STUDENTS ABROAD

The table below shows the number of students who have studied abroad at overseas universities with which Kumamoto University has concluded a student exchange agreement, or have otherwise mutually agreed on a student exchange. (The period of study abroad is not indicated)

(Reference) April 2024 - March 2025

Country	Partner University	Number of Students
France	University of Bordeaux	1
Germany	University of Tübingen	1
Germany	Heinrich Heine University Dusseldorf	1
Germany	Albert-Ludwigs-Universität Freiburg	2
Ireland	South East Technological University	2
Poland	University of Warsaw	1
UK	Durham University	1
UK	Bangor University	1
UK	University of Leeds	11
Canada	University of Alberta	10
Canada	University of Calgary	15
USA	Indiana University	9
USA	University of North Texas	16
Australia	University of Technology Sydney	2
Türkiye	Ege University	1
China	Shandong University	1
Indonesia	The Consortium of Institut Teknologi Sepuluh Nopember	1
Indonesia	Institut Teknologi Bandung	3
Korea	University of Seoul	1
Korea	Pusan National University	1
Korea	Pukyong National University	4
Malaysia	Universiti Malaysia Terengganu	3
Philippines	University of Santo Tomas	6
Philippines	De La Salle University	16
Taiwan	National Taiwan Normal University	39
Thailand	Burapha University	1
Vietnam	Foreign Trade University	2

## FOREIGN LANGUAGE TRAINING PROGRAM

### Short-term overseas study programs

We have provided opportunities for Japanese students who are interested in gaining international experience through short-term study abroad programs. In the 2024 academic year, 81 students participated in language study programs at Bangor University (UK), Indiana University (US), University of Alberta. They were able to gain valuable overseas experience through language and cultural experiences as well as interaction with local students.



Bangor University Language Seminar

## english-TALKmon

'english-TALKmon' is an English international exchange event organized by Center for International Education, and this year marks 10th year of this initiative.

It offers all Kumamoto University students the opportunity to improve their English conversation and communication skills by engaging in discussions on various themes and topics. In each session, international students serve as leaders, facilitating dialogue among participants.



english-TALKmon

### KUMAMOTO UNIVERSITY SHORT-TERM STUDY PROGRAM

### **Kumamoto University Short-Term Exchange Program**

The Kumamoto University Short-Term Exchange Program is designed for full-time foreign undergraduate students of universities that have a student exchange agreement with Kumamoto University. The program offers courses on Japanese language, Japanese and Asian society and culture, and advanced science and technology. At Kumamoto University, there are both half- and full-year programs, and students retain full-time student status at their home universities. This program encourages promotion of cultural and academic interactions between Kumamoto University and partner universities' students.

#### E course

Students in this course mainly take Short-Term Exchange Program classes taught in English, and Japanese language classes if the students' Japanese language level meets the class level.

#### J course\*

Students in this course mainly take Japanes language classes and specialized undergraduate classes offered by each faculty. General Education classes and Short-Term Exchange Program classes taught in English are also available.

### **Kumamoto University Japanese Studies Program**

This is a one-year program intended for Japanese Studies Program students who are MEXT\*\* scholarship recipients. The purpose of the program is to teach the skills that are important for Japanese studies and research, and to encourage development of perspectives that take the broad approaches to Japanese culture and language needed to live in society.

- \*The prerequisite for language proficiency is N2 level.
- \*\* Ministry of Education, Culture, Sports, Science and Technology (Japan)



## JAPANESE LANGUAGE CLASSES

The Center for International Education offers the following Japanese language classes for international students and researchers at Kumamoto University.

- Japanese language classes
- Intensive Japanese courses (non-credit) open to MEXT\*\* scholarship students and Teacher-Training students.
- Japanese Language Course for Beginners (noncredit) designed for Kumamoto University international students, researchers, and their spouses.



## INTERNATIONAL EXCHANGE

### **Global Kitchen**

The Center for International Education organized the "Global Education" five times in the 2024 Academic Year, International students serve as instructors (chefs) and introduce the local cuisine of their countries while cooking together with the participants. The event was conducted in English only, providing an opportunity for participants to learn English and experience different cultures while having fun.



Global Kitchen

President	OGAWA Hisao, M.D., Ph.D.					
Executive Vice-Preside	, ,					
Board Evecutive Secretary Con	, , ,	and any a major in the policy of the policy				
Members Executive Director	MIYAO Chikako					
Auditors	WATANABE Keiko   SATO Toshio					
Vice-Presidents	HIRAI Toshinori, M.D., Ph.D.   KANAOI	KA Shogo, D.Eng.   FUJIYO	OSHI Takanori, Ph.D.   OHIRA Shin-ichi, Ph.D.			
vice-Presidents	MIYAKE Masato, Ph.D.   TAKEUCHI Yu					
Advisor	HISHIYAMA Yutaka, Ph.D.   SHIRAIS	HI Takashi, Ph.D.   KABAS	SHIMA Ikuo, Ph.D.			
Special Advisor	MARUYAMA Youji, M.P.P. SUGIYAM	A Hiroshi,LL.M.				
Faculty of Letters		Dean	ITOH Masahiko, D.Lit.			
Center for Soseki and Hearn Studie		Director	HAMADA Akira,M.A.			
International Research Center for N	Manga Studies	Director	ITOH Masahiko, D.Lit.			
Faculty of Education	and Calcard Development	Dean	FUJITA Yutaka, Ph.D.			
Center for Educational Research a Affiliated School	na School Development	Director  General Director	YAMASHIRO Chiaki, Ph.D.			
Kindergarten Attached to the Facul	Ity of Education	Principal	Fujise Taiji,Ph.D. SUZUKI Mako, B.A.			
Elementary School Attached to the	•	Principal	SHIOMURA Katsunori, B.A.			
Junior High School Attached to the		Principal	MATSUSHIMA Takashi,B.A.			
Special Support School Attached to	,	Principal	ODA Kozo, B.A.			
Faculty of Law	,	Dean	OBINATA Nobuharu, Ph.D.			
Center for Education and Research	n on Law and Public Policy	Director	OBINATA Nobuharu, Ph.D.			
Faculty of Science		Dean	ISOBE Hiroshi, Ph.D.			
School of Medicine		Dean	OIKE Yuichi, M.D., Ph.D.			
School of Pharmacy		Dean	KATSUKI Hiroshi, Ph.D.			
Faculty of Engineering		Dean	IHARA Toshihiro,Ph.D.			
Engineering Research Equipment (		Director	MACHIDA Masato,Ph.D.			
Education Center for Global Human School of Informatics	n kesources in Engineering	Director  Dean	TAKAFUJI Makoto,Ph.D. SHIROMOTO Keisuke,Ph.D.			
Graduate School of Education		Dean	FUJITA Yutaka. Ph.D.			
Faculty of Humanities and Social S	Sciences	Dean	ITOH Masahiko.D.Lit.			
	Humanities and Social Sciences (IRCHSS)	Director	NAKAGAWA Teruhiko, M.A.			
Faculty of Advanced Science and		Dean	ISOBE Hiroshi, Ph.D.			
	n Center for Engineers in Kumamoto University	Director	ISOBE Hiroshi, Ph.D.			
International Research Center for A	Agricultural and Environmental Biology	Director	SAWA Shinichiro, D.Sc.			
Faculty of Life Sciences		Dean	OIKE Yuichi, M.D., Ph.D.			
Southern Kyushu and Okinawa Unit	Center of Japan Environment and Children's Study	Director	NAKAMURA Kimitoshi, M.D., Ph.D.			
Center for Medical Education and F		Director	YOSHIDA Motofumi, M.D., Ph.D.			
Center for Metabolic Regulation of	, , , ,	Director	YAMAGATA Kazuya, M.D., Ph.D.			
Global Center for Natural Resource		Director	MISUMI Shogo, Ph.D.			
Vaccine Development Research Co		Director	MORIOKA Hiroshi, Ph.D.			
Center for Biomedical Laboratory S  Graduate School of Social and Cul		Director  Dean	YAMAMOTO Masahiro, M.D., Ph.D.  NAKAUCHI Satoshi, LL.M.			
Graduate School of Science and To		Dean	IHARA Toshihiro.Ph.D.			
Global Joint Education Center for S		Director	IHARA Toshihiro,Ph.D.			
Graduate School of Medical Science		Dean	OIKE Yuichi, M.D., Ph.D.			
Graduate School of Health Science	* * * *	Dean	OBAYASHI Konen, M.D., Ph.D.			
Graduate School of Pharmaceutica	al Sciences	Dean	KATSUKI Hiroshi, Ph.D.			
Institute of Molecular Embryology	and Genetics	Director	NAKAMURA Akira, Ph.D.			
Center for Organ Regeneration Re	search	Director	NISHINAKAMURA Ryuichi, M.D., Ph.D.			
Research Center for High Depth O	mics	Director	ISHIGURO Kei-ichiro, D. Sc.			
Institute of Industrial Nanomateria	ls	Director	IDA Shintaro, D.Eng.			
University Hospital		Director	HIRAI Toshinori, M.D., Ph.D.			
Headquarters for Research and De	evelopment Strategy	Director	OTANI Jun, Ph.D.			
Organization for Globalization	Education	Director	OTANI Jun, Ph.D.			
Headquarters for Admissions and Center for International Education	Education	Director  Director	MIZUMOTO Toyofumi, M.A MIZUMOTO Toyofumi, M.A			
Center for Teacher Education and I	Davelonment	Director	MIZUMOTO Toyofumi, M.A			
Organization for Kumamoto Unice		Director,	MIZUMOTO Toyofumi, M.A.			
Institute of Light Metals	Torry Cumpus Museum	Director	KAWAMURA Yoshihito, Ph. D.			
-	for Semiconductors and Informatics	Director	OGAWA Hisao, M.D., Ph.D.			
Center for Management of Informati		Director	SUGITANI Kenichi, D.Eng.			
International Research Center for		Director	TAKIZAWA Hitoshi, Ph.D.			
International Research Organization	on for Advanced Science and Technology	Director	TAKASHIMA Kazuki, D. Eng.			
The Memorial Museum of the Fifth	High School	Director	MISAWA Jun, M.Lit.			
EISEI-BUNKO Research Center		Director	INABA Tsuguharu, D.Lit.			
·	vironment, and Disaster Management	Director	KAKIMOTO Ryuji, Ph.D.			
Magnesium Research Center		Director	KAWAMURA Yoshihito, Ph.D.			
Institute of Resource Developmen	t and Analysis	Director	ARAKI Kimi, D.Sc.			
Environmental Safety Center	al Duran anti- a	Director	TOGAWA Kenichi, D.Ecs.			
Research Center for Buried Cultur		Director	ARAI Hidenaga, D. Lit.			
Joint Research Center for Human I	Ketrovirus infection	Deputy Director	UENO Takamasa, Ph.D.			
University Library Health Care Center		Director  Director	TAKANO Hiroyoshi, D.Sc. SOEJIMA Hirofumi,M.D., Ph.D.			
Student Accessibility Support Roc	om	Director	SOEJIMA HIROIUMI, M.D., Ph.D. SOEJIMA Hirofumi, M.D., Ph.D.			
University Archives		Director	TAKANO Hiroyoshi, D.Sc.			
Institutional Researh Office		Director	OTANI Jun, Ph.D.			
Campas Design Office		Director	ONISHI Yasunobu, Ph. D.			

Classification	Professors	Associate Professors	Lecturers (Full-time)	Assistant Professors	Research Assistant	Teachers (Attached School)	Sub-total	Administrative and Technical Staff	Total
Faculty of Education						88	88		88
Graduate School of Education	31	28	3				62		62
Faculty of Humanities and Social Sciences	50	64	4	2	1		121		121
Faculty of Advanced Science and Technology	80	67	2	34			183	2	185
Faculty of Life Sciences	71	41	18	87			217	1	218
Institute of Molecular Embryology and Genetics	10	5	4	10			29	2	31
Institute of Industrial Nanomaterials	9	8		3			20		20
Kumamoto University Hospital	18	8	33	128			187	1201	1388
Headquarters for Research and Development Strategy	5	2	1	1			9		9
Headquarters for Admissions and Education	3	4		1			8		8
International Research Center for Medical Sciences	4	4	3				11	7	18
Research and Education Institute for Semiconductors and Informatics	14	7		2			23		23
Eisei-Bunko Research Center	1	1					2		2
Center for Water Cycle, Marine Environment, and Disaster Management	5	6		1			12		12
Magnesium Research Center	5	3		3			11		11
Institute of Resource Development and Analysis	5	3	1	5			14		14
Research Center for Buried Cultural Properties		1		1			2		2
Joint Research Center for Human Retrovirus Infection	6	1	3				10		10
Health Care Center		1		1			2	2	4
Technical Devision							0	77	77
Administration Bureau							0	472	472
Total	317	254	72	279	1	88	1,011	1,764	2,775

### ■ Undergraduate Students

Faculty and School	Number	
Letters	759	(515)
Education	965	(599)
Law	878	(455)
Science	851	(217)
Medicine	1,317	(721)
Pharmacy	508	(236)
Engineering	2,318	(430)
Informatics	134	(39)
Total	7,730	(3,212)

### ■ Graduate Students

Faculty and School	Master		Master of Ed.		Doctor	
Education	_	_	66	(29)	_	
Social and Cultural Sciences	182	(91)	_		59	(25)
Science and Technology	1,106	(220)	_		163	(39)
Medical Sciences	36	(22)	_		393	(124)
Health Sciences	41	(23)	_		23	(17)
Pharmaceutical Sciences	68	(24)	_		78	(21)
Total	1,433	(380)	66	(29)	717	(226)

### ■ Diploma Course

Faculty and School	Number	
Diploma Course in Special Needs Education	7 (6)	

### ■ Special Course ■

- p	
Faculty and School	Number
Yogo Teacher Training	40 (40)

<sup>\*</sup>Colored figures indicate the number of females included in the figures.

### ■ Attached Schools ■

Classification	Number	
Elementary School	646	(321)
Junior High School	468	(234)
Special Support School	59	(20)
Kindergarten	82	(45)
Total	1,255	(620)

## STUDENT FINANCIAL AID

### ■ International Students ■

(The 2024 School Year)

Classification	Japanese Government Scholarship	Other Scholarships	Total
Undergraduate Students	11	49	60
Graduate Students	109	84	193
Japanese Language Trainees	5	0	5
Total	125	133	258

### ■ Undergraduate Students ■

Faculty and School	Admission Quota	Applicants	Newly Enrolled Students
Letters	170	640	176
Education	220	543	237
Law	200	664	204
Science	190	740	205
Medicine	109	532	108
Health Sciences	144	436	149
Pharmacy	90	286	91
Engineering	473	1,434	488
Informatics	60	215	67
Total	1,656	5,490	1,725

### ■ Graduate Students ■

Faculty and Sch	ool	Admission Quota	Applicants	Newly Enrolled Students
Education	Master of Ed.	30	48	32
Social and Cultural Sciences	Master	65	134	76
Social and Cultural Sciences	Doctor	15	21	13
Science and Technology	Master	513	619	539
Science and Technology	Doctor	58	35	31
Medical Sciences	Master	20	25	20
iviedical Sciences	Doctor	88	67	64
Lloalth Caionaga	Master	24	18	17
Health Sciences	Doctor	6	5	4
Pharmaceutical Sciences	Master	35	38	34
Fridiffideeulical Sciences	Doctor	18	14	14
Total		872	1,024	844

## ■ Diploma Course

	Admission Quota	Applicants	Newly Enrolled Students	
Diploma Course in Special Needs Education	15	8	7	

### ■ Special Course ■

	Admission Quota	Applicants	Newly Enrolled Students	
Yogo Teacher Training Special Course	40	77	40	

# STUDENT TUITIONS AND FEES

(As of Year 2025 / Unit: yen)

	Entrance exam fee	Admission fee	Tuition fees
Undergraduate Students	17,000	282,000	535,800 / year
Graduate Students	30,000	282,000	535,800 / year
Research Students	9,800	84,600	29,700 / month
Auditing students*	9,800	28,200	14,800 / credit

<sup>\*</sup> Includes non-degree course students

■ Master's Degree ■

	Course C	ompletion
Classification	2024.4- 2025.3	Total
Master of Arts	16	1,226
Master of Education	0	1,301
Master of Law	9	507
Master of Public Policy	5	115
Master of Medical Sciences	15	420
Master of Nursing	1	88
Master of Health Sciences	10	210
Master of Pharmaceutical Sciences	32	1,997
Master of Clinical Pharmacy	0	76
Master of Health Life Science	0	40
Master of Science	92	3,006
Master of Engineering	357	12,028
Master of Philosophy	14	189
Master of Science in Instructional Systems	12	225
Total	563	21,428

■ Professional Degree

	Course Completion		
Classification	2024.4- 2025.3	Total	
Master of Education	23	159	
Juris Doctor	-	189	
Total	23	348	

**■ Doctoral Degree** ■

		New System			
Classification	Old	Course C	ompletion	Thesis Submission	
OldSalledion	System	2024.4- 2025.3	Total	2024.4- 2025.3	Total
Doctor of Literature	_	2	89		24
Doctor of Public Policy	_	0	25		4
Doctor of Laws	_	0	9		0
Doctor of Science	_	4	266		32
Doctor of Engineering	_	13	814		110
Doctor of Philosophy	_	12	471	3	26
Doctor of Medical Sciences	1,663	63	2,564	11	1,101
Doctor of Health Sciences	_	1	31		2
Doctor of Nursing	_	2	8	1	1
Doctor of Pharmaceutical Sciences	_	9	422		171
Doctor of Clinical Pharmacy	_	0	7		0
Doctor of Life Sciences	_	1	28		6
Doctor of Philosophy in Health Life Science	_	0	4		0
Total	1,663	107	4,738	15	1,477

# After Graduation

(As of May 1, 2025)

■ Undergraduate Students ■

Faculty and School	Number of Graduates	Number of Continuing Higher Education	Number of Employed	Others
Letters	181	20	141	20
Education	230	22	191	17
Law	210	23	168	19
Science	189	111	62	16
Medicine	262	13	126	123
Pharmacy	85	35	50	0
Engineering	536	395	130	11
Total	1,693	619	868	206

### ■ Graduate Students ■

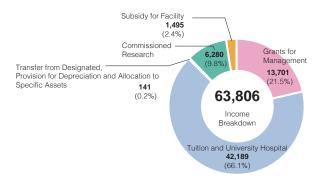
- Gradatto Gradonto -					
Faculty and School		Number of Graduates	Number of Continuing Higher Education	Number of Employed	Others
Social and Cultural	Master	54	11	32	11
Sciences	Doctor	5	0	3	2
Colones and Tachnalagu	Master	451	19	412	20
Science and Technology	Doctor	31	0	20	11
Madical Calanas	Master	15	7	8	0
Medical Sciences	Doctor	87	0	59	28
Haalib Calanaa	Master	11	1	10	0
Health Sciences	Doctor	3	0	3	0
Dhamasa Mad Calanas	Master	32	7	24	1
Pharmaceutical Sciences	Doctor	9	0	7	2
Master of Education	Doctor	23	0	20	3
Total		721	45	598	78

## **BUDGET BREAKDOWN**

#### ■ Income Breakdown (FY2025) ■

Unit: million yen

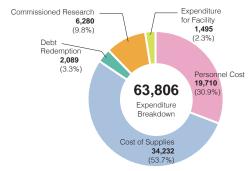
0.	,
Grants for Management	13,701
Tuition and University Hospital	42,189
Transfer from Designated, Provision for Depreciation and Allocation to Specific Assets	141
Commissioned Research	6,280
Subsidy for Facility	1,495
Total	63,806



### ■ Expenditure Breakdown (FY2025) ■

Unit: million yen

	,
Personnel Cost	19,710
Cost of Supplies	34,232
Debt Redemption	2,089
Commissioned Research	6,280
Expenditure for Facility	1,495
Total	63,806



### ■ Funds from Other Sources (FY2024) ■

Unit: thousand yen

Categories	Proposals Selected	Research Expense
Grants-in-Aid for Scientific Research	687	1,910,677
Grants&Endowment	1,684	1,824,083
Commissioned Research	365	3,184,217
Cooperative Research with Private Sector	520	1,034,634
Total	3,256	7,953,611

<sup>\*</sup>Includes Special Coordination Fund to Promote Science and Technology

### ■ Grants-in-Aid for Scientific Research (FY2024) ■

Unit: thousand yen

		Ornic triododina you
Categories	Proposals Selected	*Research Expense
Grant-in-Aid for Transformative Research Areas (A)	17	159,510
Grant-in-Aid for Transformative Research Areas (B)	5	48,880
Grant-in-Aid for Scientific Research (S)	1	36,790
Grant-in-Aid for Scientific Research (A)	13	118,430
Grant-in-Aid for Scientific Research (B)	113	584,860
Grant-in-Aid for Scientific Research (C)	331	433,697
Grant-in-Aid for Research Activity Start-up	17	23,660
Grant-in-Aid for Publication of Scientific Research Results	3	5,900
Fund for the Promotion of Joint International Research (International Collaborative Research)	4	25,740
Fund for the Promotion of Joint International Research(Home-Returning Researcher Development Research)	1	19,500
Fund for the Promotion of Joint International Research(Fostering Joint International Research(B))	2	8,320
Fund for the Promotion of Joint International Research(Fostering Joint International Research(B)) **adopted since 2021	2	11,830
Fund for the Promotion of Joint International Research(International Leading Research)	1	49,920
Grant-in-Aid for Early-Career Scientists	134	217,190
Grant-in-Aid for Challenging Research (Pioneering)	5	35,230
Grant-in-Aid for Challenging Research (Exploratory)	34	92,690
Grant-in-Aid for JSPS Fellows	25	38,110
Total	708	1,910,257

<sup>\*</sup>Includes overhead costs

<sup>\*</sup>Includes endowed courses

<sup>\*</sup>Excludes Kumamoto University Endowment

<sup>\*</sup>Excludes Grant-in-Aid for JSPS Research Fellows

### INTERNATIONAL HOUSE

Kumamoto University International House Residence A was constructed in 1985 to provide accommodation for international students and foreign researchers. To respond to the increase in the number of foreign students and researchers, Residence B was built in 1995, followed by Residences C, D and E in November 2009. The I-House office in Residence A is available to respond to questions from residents and to provide consultation and assistance.

Address:7-763 Kurokami, Chuo-ku, Kumamoto City, Kumamoto 860-0862

Location: About 1.5 km east of the Kurokami Campus

Residence	Room Type				
Residence	Family	Couple	Single	Shared (quad)	Total
A	3	3	49		55
В	4	3	50		57
С				36	36
D				36	36
E			48		48
Total number of rooms	7	6	147	72	232



Common Facilities

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## STUDENT DORMITORY

Student dormitory is available to provide a living environment conducive to study for students attending the university from within Japan and overseas.

Location: About 1.5 km east of the Kurokami Campus

#### Maximum capacity

Men	200
Women	80
Total	280



# HEALTH CARE CENTER

The Health Care Center provides routine and special medical checkups, offers students guidance concerning their health, school life, studies and current path as well as responding in the event of an emergency.

## CAFETERIAS AND SHOPS

Kurokami North	Student Hall	Cafeteria and Book Store (food, books, stationery, entertainment counter)
	Kusunoki Hall	Cafeteria/Reception Room/ Japanese-style Rooms/Lodging Rooms
Kurokami South	FORICO	Cafeteria and Convenience Store (food, books, stationery, entertainment counter)
Honjo	Student Union "Kaiju"	Cafeteria/Kiosk
Oe	Banjikan Hall	Cafeteria/Kiosk



# Sports Facilities

Kurokami	Track and field stadium, rugby pitch, soccer field, tennis courts, swimming pool, gymnasium, athletic equipment storage	
Toroku*	Baseball ground, tennis courts, archery range, Japanese archery range, gymnasium, driving practice field, training camp building, athletic equipment storage	
Honjo	Tennis courts, gymnasium (including a martial arts hall)	
Oe	Athletic field, tennis courts, gymnasium	
Misumi	Yacht boathouse, training camp building	
Hirogi	Rowboat boathouse	

<sup>\*</sup>Mainly used for extra-curricular activities



### HISTORY

- 1756 Saishunkan established (Origin of School of Medicine and University Hospital)
- 1874 Kumamoto Teachers College established
- 1885 Kumamoto Pharmaceutical College established
- 1887 The Fifth High School established
- 1896 Kumamoto Medical College established

#### 1897 Kumamoto Technical College established

There were five institutions of higher education in Kumamoto during the Meiji Era which eventually united to form Kumamoto University. Among these institutions was The Fifth High School, which was a center for higher learning in western Japan, and provided students with preparatory education to enter the Japanese Imperial Universities. A number of foreign teachers joined the school to offer western culture and knowledge to the students.

These young men, aged from their teens to late twenties, resided in a dormitory, and built a tradition of student community as well as lasting friendships.



Kumamoto University was established under the National School Establishment Law that reformed the preceding Japanese educational system. The new university incorporated the older institutions described above.

At its establishment, The Fifth High School comprised six departments, with an enrollment of approximately 1,100 students.

Discussion of the school's curriculum began soon after the founding of the school. After the Graduate School of Medicine was established in 1955, other graduate schools were subsequently established within the university.

The establishment of research and education institutions within the university was started early on. In the 1950s, both Kumamoto University Hospital and the University Library were completed. In addition, a number of research centers that conduct the highest level of scholarly research have been consecutively established over the past 20 years.

#### 2004 Kumamoto University enters the 21st Century

The acceptance of government-sponsored international exchange students started around 1960, but records indicate that several international exchange students studied in the Faculty of Medicine as early as the 1950s. Since the 1960s, though, the number of international students has been steadily increasing. There were approximately 50 international students at the university in 1984, and that number increased to over 300 twenty years later in 2004.

Since Kumamoto University became a National University Corporation in 2004, the university has been ushering in an era of change. Nevertheless, the university will still continue to strive for further advancements in education, research, and medical care based on the knowledge and experience it has gained since it was first established, in order to contribute to society in the 21st century.







### HISTORY OF THE UNIVERSITY HOSPITAL

The history of Kumamoto University Hospital goes back to the opening of the Hosokawa Clan Hospital in 1870.

After being reorganized and relocated several times, the hospital was moved to its current location in 1901.

In 1949, after Kumamoto Medical College was absorbed into Kumamoto University, the name of the hospital was changed to Kumamoto University Hospital. It started with a system of eleven medical departments.

In the past several decades, in order to respond to the segmentation and advancement of medical services, the hospital established central consultation facilities as well as new medical departments with the aim of increasing efficiency, among other improvements.

Kumamoto University Hospital has grown to become a general hospital with technologically advanced medical facilities and a comprehensive medical system. It is still continuing to make advancements in its aim to become a university hospital that can continue to provide quality medical care in the 21st century.



### HISTORICAL FIGURES



Lafcadio Hearn (1850-1904)

Though he was of Irish extraction, he was born in Greece. He came to Japan in 1890. In 1891, he took up his new post at The Fifth High School. His work "Ghost Stories" ("*Kaidan*") introduces Japan's mysterious traditions in English, and is widely known.



Natsume, Soseki (1867-1916)

In 1896, he came to Kumamoto to take up his new post as a lecturer at The Fifth High School. He was residing in Kumamoto during the time he went on the trip that appears in his famous novel "Kusamakura".



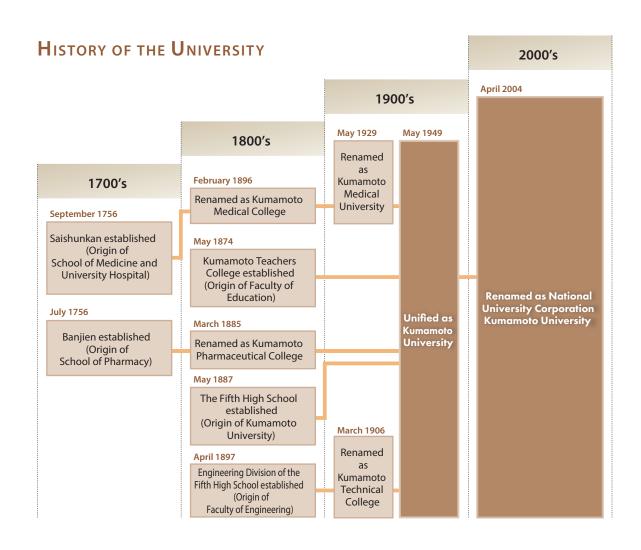
Ikeda, Hayato (1899-1965)

Hayato Ikeda was a politician who was born in Hiroshima prefecture and studied at The Fifth High School. He became the Prime Minister of Japan in 1960, and his administration led Japan for a prolonged time during its era of high economic growth.



**Sato, Eisaku** (1901-1975)

Eisaku Sato was a politician who was born in Yamaguchi prefecture and studied at The Fifth High School. He became the Prime Minister of Japan in 1964, and played a key role in the return of Okinawa to Japanese rule and the creation of Japan's "Three Non-Nuclear Principles." He received the Nobel Peace Prize in 1974.



### KUROKAMI NORTH CAMPUS



#### Kurokami North Campus

- 1 The Memorial Museum of the Fifth High School ※
- 2 The Chemical Laboratory of the Fifth High School ※ ® Chimeido Hall
- 3 The Front Gate (The Red Gate) \*

  4 Kurokami North N1
- - (Faculty of Letters/Law Main Bldg.)
- **5** Kurokami North N2
- (Faculty of Letters/Law South Bldg.) 6 Kurokami North N3
- (Graduate School of Social and Cultural Science Bldg. 1)
- Kurokami North N4 (Faculty of Letters/Law Lecture Bldg.B)
- 8 Kurokami North N5
- (Graduate School of Social and Cultural Science Bldg. 2) 9 Kurokami North N6
- (Faculty of Letters/Law North Bldg.)
- Kurokami North N7 (Faculty of Education Music Hall)
   Kurokami North N8 (Faculty of Education Practical Training Laboratory)
   Kurokami North N9 (Faculty of Education West Bldg.)
   Kurokami North N10 (Faculty of Education Main Bldg.)

- W Kurokami North N11 (Faculty of Education East Bldg.)

- 15 University Archives (Storage)
- 16 'Ai Work' A
- T'Ai Work' B
- 19 Kusunoki Hall
- Tacility and Administration Building
- 21 Kurokami North C1
- (Academic Commons Kurokami Bldg. 5)
- 2 Higo Mirai Library (Central Building)
- 3 University Library (South Building)/ The Open University of Japan Kumamoto Study Center
- 24 Health Care Center
- 3 North Student Hall Bldg. A (Cafeteria, Bookstore and Shops)
- 3 North Student Hall Bldg. B
- Guard Station
- & Kurokami North E1 (General Education Building)
- 29 Kurokami North E2
  - (Academic Commons Kurokami Bldg. 6)
- 30 Kurokami North E3 · E4
  - (Academic Commons Kurokami Bldg. 6)

- 31 Environmental Safety Center
- Center for International Education / School of Social Innovation
- 33 Club Rooms 1
- Kurokami Gymnasium
- 35 Club Rooms 2
- 36 Club Rooms 3
- 3 Athletic Field (Bufugen)
- Swimming Pool
- 39 Kurokami North E8 (Faculty of Education East classrooms)

#### Special Support School Attached to the Faculty of Education

- (Marokami North E9 (Special Support School Bldg. A)
- 1 Kurokami North E10 (Special Support School Bldg. B)
- Kurokami North E11 (Special Support School Bldg. C)
- 43 Kurokami North E12 (Special Support School Gymnasium)
- 49 Kurokami North E13 ('Suzukake-no-ie' ADL Training House)
- **45** Swimming Pool
- 46 Athletic Field



(taken in 2022)

## KUROKAMI SOUTH CAMPUS



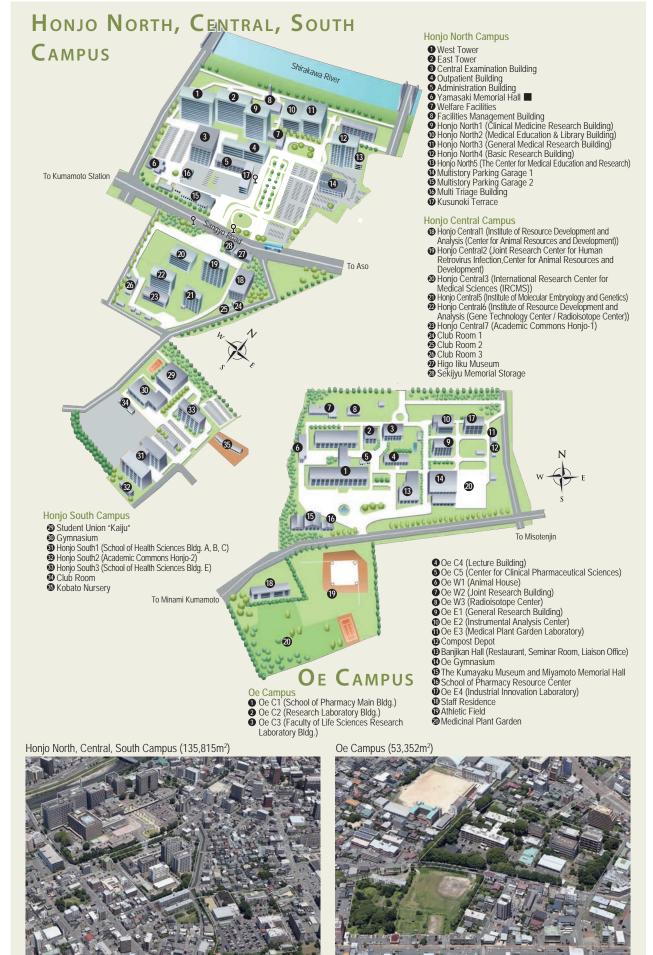
#### Kurokami South Campus

- ₱ Museum of the Engineering Faculty ※
- 48 Kurokami South W1 (Faculty of Engineering Research Bldg. III)
- W Kurokami South W2 (Faculty of Engineering Core Laboratory Bldg.)
- **50** Kurokami South W3 (Academic Commons Kurokami Bldg. 1)
- 6 Kurokami South W4 (Faculty of Engineering Research Bldg. II)
- Kurokami South W5 (Faculty of Engineering Research Bldg. IV)
- 63 Kurokami South W6 (MachineTool Center)
- 59 Kurokami South W10 (SOIL)
- 55 Kurokami South W11 (D-Square)
- 55 100th Anniversary Hall
- Kurokami South C1 (Academic Commons Kurokami Bldg. 7)
- 53 Kurokami South C2 (Faculty of Engineering Bldg. I)
- Surokami South C3 (Faculty of Engineering Research Bldg. I)
- **60** Kurokami South C4 (Academic Commons Kurokami Bldg. 2)
- 6 Kurokami South C5 (TOKYO ELECTRON Innovation Plaza)
- Kurokami South C6 (Acoustic Laboratory)
- 63 Kurokami South C7 (Academic Commons Kurokami Bldg. 3)

- M Kurokami South C8 (Faculty of Engineering Bldg. 2) W Kurokami South S4 (Kurokami Radioisotope Laboratory)
- 65 Kurokami South C9 (Center for Management of Information Technologies)
- 69 University Archives
- University Hall (Administrative Offices) ■
- Guard Station
- 69 Kurokami South E1 (Faculty of Science Bldg. 1&2)
- Marokami South E2 (Faculty of Science / Graduate School of Science and Technology Core Research Laboratory Bldg.)
- Murokami South E3 (Faculty of Science Bldg. 3)
- Kurokami South E4 (Faculty of Science Bldg. 4)
- Kurokami South E5 (Research Building for Science and Technology)
- M Kurokami South E6 (Experimental Building for Science and Technology)
- Kurokami South E7 (Acoustic Analysis Laboratory for Underwater Environments)
- 76 Kurokami South E8 (Low Temperature and He Gas Recovery Station)
- South Student Hall
- FORICO (Cafeteria and Convenience Store)
- Marokami South S1 (Hydraulic Laboratory)
- 80 Kurokami South S2 (Instrumental Analysis Center for Engineering Research)
- 81 Kurokami South S3 (Disaster Prevention Laboratory)

- 83 Kurokami South S5 (Research Center for Buried Cultural Properties)
- Kurokami South S6 (Venture Laboratory) (Shock Wave and Condensed Matter Research Building)
- 85 Kurokami South S7 (Incubation Laboratory)
- 66 Kurokami South S8 (Shock Wave Laboratory)
- Kurokami South S9 (Engineering Experimental Laboratories)
- 83 Kurokami South S10 (MRC Casting Laboratory) (Magnesium Research Center(MRC))
- Kurokami South S11 (MRC Forming and Machining Laboratory)
- 9 Kurokami South S12 (International Research Center for Advanced Science and Technology)

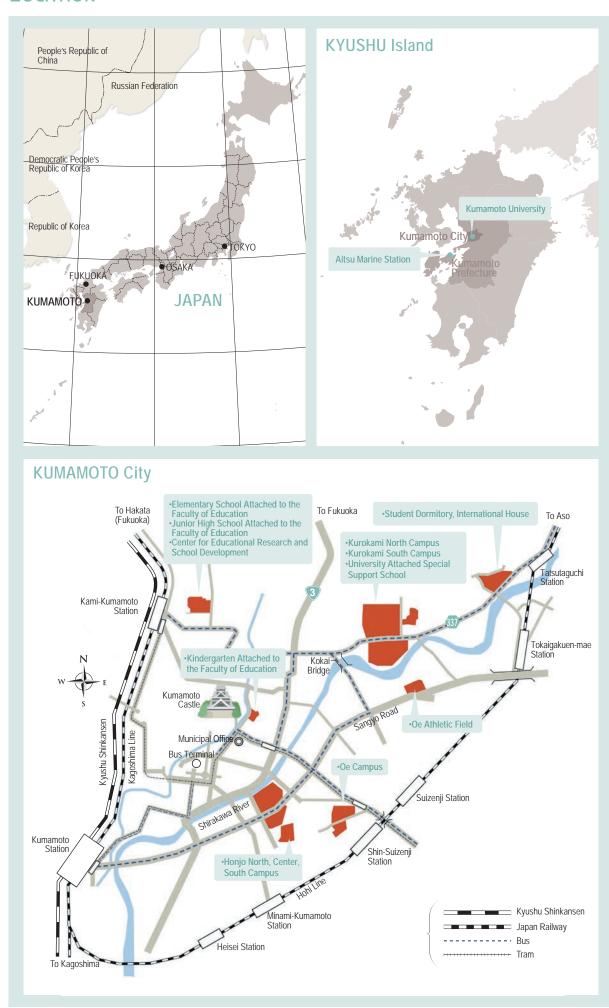
Access



(taken in 2022)

(taken in 2022)

### LOCATION





# The Kumamoto Area

Kumamoto University is located in Kumamoto, the center of Kyushu, the most southern main island of Japan.

Kumamoto City has many memorials from ancient times there and throughout the region. It is an ideal place to focus on study and research, while also providing a comfortable lifestyle with delicious food, as well as natural and cultural beauty.

Kumamoto City is the third biggest city in Kyushu. It has a population of approximately 740,000, which is equivalent to about 45% of the total population of the prefecture. By air it takes 90 minutes from Tokyo and 60 minutes from Osaka; by Kyushu Shinkansen it takes 40 minutes from Fukuoka City.

Local attractions include Kumamoto Castle, one of the oldest and grandest medieval castles in Japan; Kumamoto downtown area, located 10-15 minutes away from the University by bicycle, is known for a lot of office building, theaters, museums and shopping streets. Not far from the center of Kumamoto City, there are also some nature-rich rest spots such as Lake Ezu and Mount Kinpozan.

On the suburbs of Kumamoto, "Mount Aso" is famous tourist spot where one of the world's largest calderas lies. Amakusa Islands are a chain of 120 islands known for their Christian history and plenty of rich nature.

Kumamoto is called 'Springwater Country' and has more than 1,500 natural spring sources throughout prefecture. Thanks to its close location to Mt. Aso, the geological strata formed by the eruption act as a natural filter and purify the water that gushes out. Such beautiful water is one of Kumamoto's attractions. Semiconductor manufacturers

around the world also pay attention to Kumamoto's water. Kumamoto has a concentration of factories of device and electronic device companies.

"Manga" culture is deeply rooted in Kumamoto Prefecture, where there are more than 130 manga artists associated with the prefecture. Visiting statues of manga characters and tours of areas where manga works have been set are popular.



# Kumamoto University

2-39-1 Kurokami, Chuo-ku, Kumamato

860-8555 JAPAN

nttps://ewww.kumamoto-u.ac.jp/en/

