



Kyushu University  
**Graduate  
Programs  
2024**





### History

- Nov. 2021** Selected as a Designated National University Corporation
- May 2021** Celebrated the 110th anniversary
- Sep. 2018** Ito Campus relocation completed
- May 2011** First centennial anniversary celebrated
- Apr. 2004** Launched as a National University Corporation
- Oct. 2003** Kyushu Institute of Design integrated
- May 1949** Kyushu University established under National School Establishment Law
- Jan. 1911** Kyushu Imperial University established
- Apr. 1903** Fukuoka Medical College established

Kyushu University, or Kyushu U, is by general consensus one of Japan's foremost research universities. Originally founded in 1911 as one of the seven imperial universities, it has since nurtured countless educators, researchers, and medical practitioners who have made positive contributions to society in Japan and beyond. Comprehensive in its scope, Kyushu U has 12 undergraduate and 19 graduate schools, in addition to the university hospital and a handful of world class research centers. It now offers 74 international degree programs (5 undergraduate, 69 graduate) taught in English, and hosts talented students and eminent researchers from over 100 countries and regions around the globe.

### Funded research funding

Funded research refers to research conducted on behalf of corporate or other partners who choose us because of the diversity of our researchers and research facilities.

¥ **10.9** billion **973** projects

### Joint collaborative research funding

Joint collaborative research refers to research conducted by teams consisting of our researchers and researchers from corporate or other partners.

¥ **2.6** billion **802** projects

## Campus Location

### About Fukuoka

▶ **Over 1.5 million** people

▶ **1st** in most desirable cities to live in Japan

[Source] © Daito Trust Construction Co.,Ltd. 「Good room net 2022 Ranking of towns people want to live in <National version>」

▶ **20min.** to beaches and mountains from city center



# List of International Graduate Programs taught in English

Graduate School	Program	Degree Offered	
		M=Master's Degree D=Doctor's Degree	
Graduate School of Humanities	International Master's Program in Japanese Humanities	M	
	International Doctorate in Japanese Humanities	D	
Graduate School of Integrated Sciences for Global Society	International Master's/Doctoral Program in Integrated Sciences for Global Society	M/D	
Graduate School of Human-Environment Studies	International Master's/Doctoral Course of Sustainable Architecture and Urban Systems	M/D	
Graduate School of Law	BiP (Bilingual Master's Program in Law)	M	
	LL.M. Program	M	
	LL.D. Program	D	
	YLP (Young Leaders' Program in Law)	M	
	CSPA Program (Master of Laws in Comparative Studies of Politics and Administration in Asia)	M	
Graduate School of Economics	International Program in Public Economics (IPPE)	M/D	
	International Program in Financial and Business Economics (IPFBE)	M/D	
	International Program in Management and Accounting (IPMA)	M/D	
Graduate School of Science	International Master's/Doctoral Program in Science	M/D	
Graduate School of Mathematics	International Master's/Doctoral Program in Mathematics	M/D	
Graduate School of Systems Life Sciences	International Doctoral Program in Systems Life Sciences	M/D	
Graduate School of Medical Sciences	International Doctoral Program in Medical Sciences	D	
	International Master's Program in Asia Health Sciences	M	
	International Doctoral Program in Health Sciences	D	
Graduate School of Dental Science	International Doctoral Program in Dental Science	D	
	International Master's Program in Oral Science	M	
Graduate School of Pharmaceutical Sciences	International Course in Graduate School of Pharmaceutical Sciences	M/D	
Graduate School of Engineering	International Master's/Doctoral Program in Materials	M/D	
	International Master's/Doctoral Program in Applied Chemistry	M/D	
	International Master's/Doctoral Program in Chemical Engineering	M/D	
	International Master's/Doctoral Program in Mechanical Engineering	M/D	
	International Master's/Doctoral Program in Hydrogen Energy Systems	M/D	
	International Master's / Doctoral Program in Aeronautics and Astronautics	M/D	
	International Master's/Doctoral Program in Applied Quantum Physics and Nuclear Engineering	M/D	
	International Master's/Doctoral Program in Naval Architecture and Ocean Engineering	M/D	
	International Master's/Doctoral Program in Earth Resources Engineering	M/D	
	International Master's/Doctoral Program in Civil Engineering	M/D	
	Master's Course in Department of Cooperative Program for Resources Engineering	M	
	Graduate School of Design	Master's Program in the Department of Design (Strategic Design Course)	M
		Master's Program in the Department of Design (Environmental Design Course)	M
Master's Program in the Department of Design (Human Life Design and Science Course)		M	
Master's Program in the Department of Design (Design Futures Course)		M	
Master's Program in the Department of Design (Media Design Course)		M	
Master's Program in the Department of Design (Acoustic Design Course)		M	
Doctoral Program in the Department of Design		D	
Graduate School of Information Science and Electrical Engineering	International Master's/Doctoral Program in Information Science and Technology	M/D	
	International Master's/Doctoral Program in Electrical and Electronic Engineering	M/D	
Interdisciplinary Graduate School of Engineering Sciences	International Master's/Doctoral Program	M/D	
	Intellectual Exchange and Innovation Program	D	
Graduate School of Bioresource and Bioenvironmental Sciences	International Graduate Program	M/D	
Graduate School of Integrated Frontier Sciences	International Master's/Doctoral Program in Automotive Science	M/D	

# Graduate School of Humanities

## DEGREE

Master of Arts  
Doctor of Literature

## CAREERS

Teaching and research, public service, tourism, information technology and journalism

## DEPARTMENT

Philosophy

## COURSES

International Master's Program / Doctorate in Japanese Humanities (IMAP / IDOC)

## APPLICATION PERIOD

### Research Students

April Admission: February 2024 / October Admission: September 2024

\*You have to submit 4 months before the deadline if you live overseas.

### Master's Program

April Admission: September 2023 / October Admission: March 2024

### Doctoral Program

April Admission: September 2023 / October Admission: March 2024

## GET MORE INFORMATION

Website

<https://www.imapyudai.net>



Related Contact: Student Office

✉ [jbkkyomu1t@jimu.kyushu-u.ac.jp](mailto:jbkkyomu1t@jimu.kyushu-u.ac.jp)

## OVERVIEW

The International Master's Program (IMAP) and International Doctorate (IDOC) in Japanese Humanities are the only two graduate programs conducted in English within Kyushu University's Graduate School of Humanities. Each year, a select group of international and Japanese students is admitted. These MA and PhD candidates study with specialists in Japanese art history and architecture, history, literature, religion, and other facets of the humanities. Students enroll in rigorous seminars, many of which incorporate study at cultural and historical sites within Japan.

The IMAP and IDOC programs are characterized by closely supervised instruction and small seminars customized to meet the long-term academic goals of each student. Seminars taught by primary faculty generally emphasize premodern Japan and its relationship to East Asia. These are supplemented by courses offered by affiliated and guest faculty in topics ranging from Japanese film to archaeology. There are also courses in field-specific methodologies, research methods, and premodern languages (*bungo* and *kanbun*).

All IMAP and IDOC students are required to write a thesis in English. Depending on their proficiency in Japanese, MA candidates may select additional courses from the Graduate School of Humanities or other graduate schools within the university; PhD candidates are required to enroll in graduate courses taught in Japanese.



### Students' Voice

**LILLY ALANNAH GRAY** (From the USA)

#### What is your research about?

I am investigating women's involvement in the cultural transmission of Aikido via an ethnographic study of a local dojo organization. Through interviews and participant observation, I hope to clarify our understanding of how a traditional process continues across generations. This topic spans the disciplines of anthropology and gender studies, so discussion with scholars in both fields has shaped my qualitative methodology and analysis. Specifically, a lecture series developed by my advisor allowed me to consult senior researchers who also have done fieldwork. This cross-field input has strengthened my approach to demonstrating the impact of societal roles on cultural practices.

#### What is an advantage of Kyushu University?

Although I was initially worried about returning to school after 8 years, the professors in the IMAP program take pains to meet each student's research needs to the best of their ability, whether that is in regards to their background or field of study. I have been able to work with and exchange ideas with students in various fields, all over the world.



# Graduate School of Integrated Sciences for Global Society

## DEGREE

Master of Arts / Science    Doctor of Philosophy / Science

## CAREERS

Universities, research institutions and public service

## DEPARTMENT

Integrated Sciences for Global Society

## COURSES

Comprehensive Earth Sciences  
Comprehensive Science of Biological Environment  
International Cooperation, Security and Safety  
Social Diversity and Coexistence  
Language, Media and Communication  
Comprehensive East Asian and Japanese Studies

## APPLICATION PERIOD

**Master's Program**    October 2023; April Admission,  
May 2024; October Admission

**Doctoral Program**    October 2023; April Admission,  
May 2024; October Admission

**Research Students**    November 2023; April Admission,  
May 2024; October Admission

<https://isgs.kyushu-u.ac.jp/en/admissions/admissions1.php>

## GET MORE INFORMATION

Website  
<https://isgs.kyushu-u.ac.jp/en/>



Related Contact: ISGS Student Affairs Division  
✉ [jbkkyomugs@jimu.kyushu-u.ac.jp](mailto:jbkkyomugs@jimu.kyushu-u.ac.jp)

## OVERVIEW

### 1. Integrated Interdisciplinary Approach to examine problems holistically

The goal of ISGS is to train students to be advanced researchers or professionals with integrated interdisciplinary education. ISGS offers a systematic curriculum in which students learn the basics of interdisciplinary research methods and from which they can choose subjects with multiple specialized fields according to their interests. Additionally, students benefit from an advisory committee consisting of multiple faculty members with various fields of specializations.

### 2. Advanced expertise to identify the root cause of problems

What lies beneath “integrated interdiscipline” is advanced expertise. Analytical skills built upon advanced expertise are vital in studying the root cause of complex problems in society. ISGS faculty members specialize in a variety of fields, including earth sciences, biology, political science, history, archeology, literature, linguistics, sociology, anthropology, religious studies, international relations theory, and economics, etc. Students can acquire the expertise necessary to become researchers or professionals.

### 3. Communication skills and leadership to collaborate with diverse people

Communication skills are not merely about convincing others of your ideas in a simple way, but are also about understanding others. In order to solve some issues, leadership is also necessary to bring people of various fields together and ensure success. Students can enhance their communication skills through discussions and debates with peers from different countries, fields of specialization, and interests.



## Students' Voice

**HUANG XIAOXIN** (From China)

### What is your research about?

I have been working in the field of renewable energy for more than 15 years, both in China and Japan, and experienced the blossoming, scaling and continuous development of the solar PV industry. My PhD research focuses on the impact of corporate innovation and government innovation on the development of China's solar PV industry. In addition to theoretical research, I will conduct more fieldwork, face-to-face interviews with entrepreneurs and government officials to enrich my research with first-hand information. I hope my study is not only a rational review of the development of China's renewable energy industry in the past 20 years, but also a useful reference for the future development of China's carbon neutral strategy.

### What is an advantage of Kyushu University?

Kyushu University has a wealth of study resources, including an excellent team of supervisors and various hardware facilities. Here I can find interesting research directions and sufficient resources to support the study. Kyushu University also has a very international faculty and students, and you can interact with students and teachers from all over the world during your studies.

# Graduate School of Human-Environment Studies

## DEGREE

Master of Arts / Engineering  
Doctor of Philosophy / Engineering

## CAREERS

Architects, Urban planners and researchers

## DEPARTMENT

Architecture

Urban Design, Planning and  
Disaster Management

## COURSES

International Master's Course of Sustainable Architecture and Urban Systems  
International Doctoral Course of Sustainable Architecture and Urban Systems

## APPLICATION PERIOD

**Research Students** April Admission : Begin of January, 2024  
October Admission: Begin of July, 2024

**Master's Program** April Admission : Begin of December, 2023

**Doctoral Program** April Admission : Begin of December, 2023  
October Admission: Mid of June, 2024

## GET MORE INFORMATION

Website  
<https://arch.kyushu-u.ac.jp/saus/>



Related Contact: Student office  
✉ [jbkkyomu1ed@jimukyushu-u.ac.jp](mailto:jbkkyomu1ed@jimukyushu-u.ac.jp)

## OVERVIEW

Developing low-carbon and resource-efficient buildings and urban centers are becoming extremely important in the background of the ever-increasing consumption of natural resources and global climate changes. Global demographic, socioeconomic, and infrastructure transitions are expected in urban areas over the next decade that presents an opportunity to improve human and environmental well-being. Therefore, there is a growing global need for architects, engineers, urban designers, and urban planners specialized in sustainable urban development. The solutions and thinking for sustainable urban development issues range over multiple disciplines because of the integrated nature of these challenges. The objective of the international master's and doctoral courses in sustainable architecture and urban systems is to train future professionals who can find solutions for sustainability issues of the built environment that span across administration boundaries, sectors, technologies, and generations.

The department of urban design, planning, and disaster management and the department of architecture established the international masters and doctoral courses in sustainable architecture and urban systems in 2010. Having completed the course, master course students should have developed a range of technical skills and knowledge that are necessary to formulate original solutions with confidence. Doctoral students are expected to be talented researchers with high-quality research experience and promising career prospects.



### Students' Voice

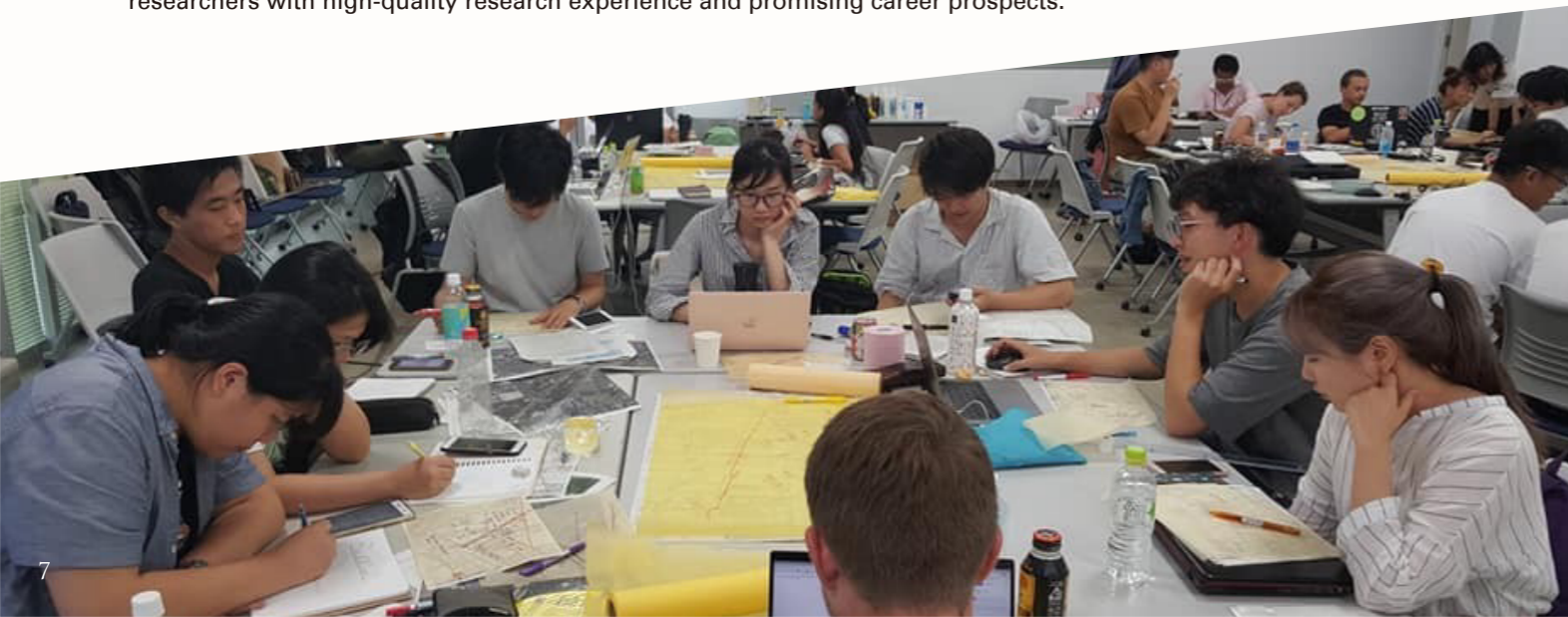
**FABIAN ESTUARDO JARRIN MANCERO** (From Ecuador)

#### What is your research about?

As an architect I have always been passionate about the power of light and its influence in our built environment. The international program alongside the permanent support of the Architectural Lighting Laboratory and my supervisor provided me with the resources and space to pursue my goals and so for the last three years I have been researching methods to shape buildings using natural light by incorporating computational aid design to guide the process in which a building would be transformed to optimize the integration of daylight into its spaces.

#### What is an advantage of Kyushu University?

Beyond my research, Kyushu University offered me the opportunity to broaden my horizons with a multidisciplinary and diverse environment paired with experiences abroad such as workshops at PNU in South Korea and courses that lead me to travel to Cambodia, and the USA for entrepreneurship and design thinking workshops. I will always be thankful to all the teachers and students that contribute to my amazing experience here.



# Graduate School of Law

## DEGREE

Master of Laws  
Doctor of Laws

## CAREERS

Lawyers, government officials, international organization officials and researchers

Professors Former Ambassador of Pakistan to Japan  
Former Minister of Mineral Resources and Energy, Mongolia  
Associate Professor at the Faculty of Law, National University of Singapore  
Associate Professor at the Faculty of Law, University of Tokyo  
Case Handler of the DG Competition, the European Commission

## DEPARTMENT

Law and  
Political Science

## COURSES

BiP (Bilingual Master's Program in Law)  
LL.M. Program  
YLP (Young Leaders' Program in Law)  
CSPA Program (Master of Laws in Comparative  
Studies of Politics and Administration in Asia)  
LL.D. Program

## GET MORE INFORMATION

LL.M. and LL.D. Programs:  
Website  
[http://www.law.kyushu-u.  
ac.jp/programs/english/](http://www.law.kyushu-u.ac.jp/programs/english/)



CSPA Program:  
Website  
[http://law.kyushu-u.ac.jp/  
cspa/](http://law.kyushu-u.ac.jp/cspa/)



Research Students:  
Website  
[http://www.law.kyushu-u.  
ac.jp/prospective/  
kenkyusei.pdf](http://www.law.kyushu-u.ac.jp/prospective/kenkyusei.pdf)



Contact Details & Inquiries  
LL.M., LL.D. and CSPA Programs :  
Admission Office for the International Programs  
✉ [admission@law.kyushu-u.ac.jp](mailto:admission@law.kyushu-u.ac.jp)

Research Students :  
Student Affairs Office for Faculty of Law  
✉ [jbkkyomu2la@jimu.kyushu-u.ac.jp](mailto:jbkkyomu2la@jimu.kyushu-u.ac.jp)

## APPLICATION PERIOD

### Master's Programs

For application material, including deadlines:

October or April Entry

BiP : [http://www.law.kyushu-u.ac.jp/programs/english/html/  
programs-admissions/academic-programs/bip-ll-m/](http://www.law.kyushu-u.ac.jp/programs/english/html/programs-admissions/academic-programs/bip-ll-m/)

October Entry Only

LL.M. : [http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/  
academic-programs/ll-m/](http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/academic-programs/ll-m/)

YLP : [http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/  
academic-programs/yip-ll-m/](http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/academic-programs/yip-ll-m/)

CSPA : <http://law.kyushu-u.ac.jp/cspa/>

### Doctoral Program

October Entry Only

LL.D. : [http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/  
academic-programs/ll-d/](http://www.law.kyushu-u.ac.jp/programs/english/html/programsadmissions/academic-programs/ll-d/)

Research Students

Please check the Research Students Website for details.

April or October Entry

<http://www.law.kyushu-u.ac.jp/prospective/kenkyusei.pdf>

## OVERVIEW

The digital transformation and the economic, social, and cultural effects of the emergence and exponential growth of digital technologies create enormous challenges for the law and lawyers. Existing regulatory frameworks across all fields of law are disrupted. The international programs in the Graduate School of Law have, therefore, developed a strong emphasis on the legal and policy challenges created by the ongoing transition to a "smart society," and we offer several courses examining these issues in the fields of intellectual property, data protection, the platform economy, urban mobility, robotics, algorithms, bioethics, and fintech. The design of sustainable and effective regulatory solutions in these fields requires a strong understanding of the technology, as well as insights from other disciplines in the social sciences and humanities. Our courses, therefore, explore these issues from an interdisciplinary perspective with a strong focus on drawing upon insights from related fields such as applied ethics, law and economics, behavioral economics and psychology, sociology, and development studies. Our location in Japan enables us to offer regional insights into these challenges and a broader comparative perspective. Finally, a diverse international student body and the integration of Japanese students creates a vibrant classroom environment for thinking about these important issues.



### Students' Voice

**GARAEVA DINARA** (From Russia)

#### What is your research about?

My research for the LL.D. program is an "Assessment of the Protection Mechanism of the Historic Urban Landscape (HUL) from a Legal Perspective - An International and National (Japanese) experience." The main research task of this project is a collation of the international and Japanese experience in establishing legislation concerning the HUL protection in the context of urban development. I am conducting a detailed investigation and assessment of the major developments and movements, current situation, challenges based on international law and other legal instruments and the national level by using, as an example, the situation in Japan. The results will show lessons that might be usefully learned by other countries that are considering making changes in their legislative framework in order to stabilize the situation with development and urban heritage protection systems.

#### What is an advantage of Kyushu University?

During my LL.M. and LL.D. studies, students had opportunities to participate in internships, kindly organized by the faculty. By myself, I did my first internship in the URYU & ITOGA Law Firm in Tokyo in 2019, where we were guided by experienced lawyers. The most exciting fact for all participants was the number of foreign lawyers working in the firm.



# Graduate School of Economics

## DEGREE

Master of Economics  
Doctor of Philosophy in Economics

## CAREERS

Government, bank, accounting and consulting

## DEPARTMENT

Economic Engineering

## COURSES

International Program in Public Economics (IPPE)  
International Program in Financial and Business Economics (IPFBE)

Economic Systems

International Program in Management and Accounting (IPMA)

## APPLICATION PERIOD

### Research Students

April Admission : November, 2023  
October Admission : May, 2024

### Master's Program

October Admission : Early April, 2024

### Doctoral Program

October Admission : Early April, 2024

## GET MORE INFORMATION

Graduate Students:  
Website  
<https://www.econ.kyushu-u.ac.jp/~abroad/kyushu/>



Research Students:  
Website  
<https://www.econ.kyushu-u.ac.jp/~abroad/kyushu/research-student/>



Related Contact: Student Affairs Section (Economics)  
✉ [jbkkyomu2ec@jimu.kyushu-u.ac.jp](mailto:jbkkyomu2ec@jimu.kyushu-u.ac.jp)

## OVERVIEW

The Graduate School of Economics offers three international programs: IPPE, IPFBE, and IPMA.

**International Program in Public Economics:** IPPE is designed for students who are interested in the application of modern economics to various public issues. It covers a variety of areas, including economic growth, macroeconomic policy, public finance, environment and resources, and social welfare. IPPE also offers lessons on mathematical and computational analyses on these issues.

**International Program in Financial and Business Economics:** IPFBE and **International Program in Management and Accounting:** IPMA are suitable for students who want to study business-related issues. IPFBE students study corporate finance, corporate governance, asset pricing, and various business-related disciplines, with an emphasis on data analytical training. IPMA students will concentrate on issues in business administration and accounting. For instance, the understanding of Japanese business management and human resource management are popular topics, as they are linked to the fundamental characteristics of Japanese society. Students of IPFBE are required to take IPMA subjects, and vice versa, to achieve a multidisciplinary understanding of business issues. IPFBE and IPMA students also have the privilege to take classes at Kyushu University Business School (QBS).



### Students' Voice

**DUONG NGOC ANH** (From Vietnam)

### What is your research about?

Experience from being a production planning staff makes me highly appreciate knowledge sharing and support from domestic and foreign suppliers. However, in the theme of market knowledge, previous studies emphasized customers and competitors; while putting knowledge about suppliers aside. Then, I decided to pursue my higher degree in Japan, where values supplier connection and supplier network. My research would investigate the impact of market knowledge from both upward and downward partners in the supply chain on performance via various business processes. With guidance from my supervisor, Associate Professor Nakamoto Ryuichi, I would analyze data collecting from the questionnaire by R with structural equation modelling as a fundamental technique.

### What is an advantage of Kyushu University?

I am grateful for the supportive community on the campus; including, the admission board and supporter system to adapt to a new life in Japan, the Student Section for a tuition fee exemption, scholarship, or housing guarantor, KUFSA for student extra-curricular activities, QREC for entrepreneurship guidance, especially my professor for academic guidance and research funding.

# Graduate School of Science

## DEGREE

Master of Science  
Doctor of Science

## CAREERS

Engineers, researchers and professors

## DEPARTMENT

### Physics

## COURSES

Theoretical particle and nuclear physics and astrophysics  
Experimental particle and nuclear physics  
Condensed matter theory and statistical physics  
Quantum condensed matter physics  
Complex matter physics and biophysics

### Chemistry

Inorganic and Analytical Chemistry  
Physical Chemistry  
Organic Chemistry and Biochemistry  
Materials Chemistry and Engineering

### Earth and Planetary Sciences

Dynamics, Structure and Evolution of Solid Earth and Planets  
Material Science of Solar System and Planets  
Earth Planetary Fluid and Space Sciences  
Paleontology and Mineral History

## APPLICATION PERIOD

### Research Students

April Admission : Mid December, 2023  
October Admission : Mid June, 2024

### Master's Program

October Admission : June, 2024

### Doctoral Program

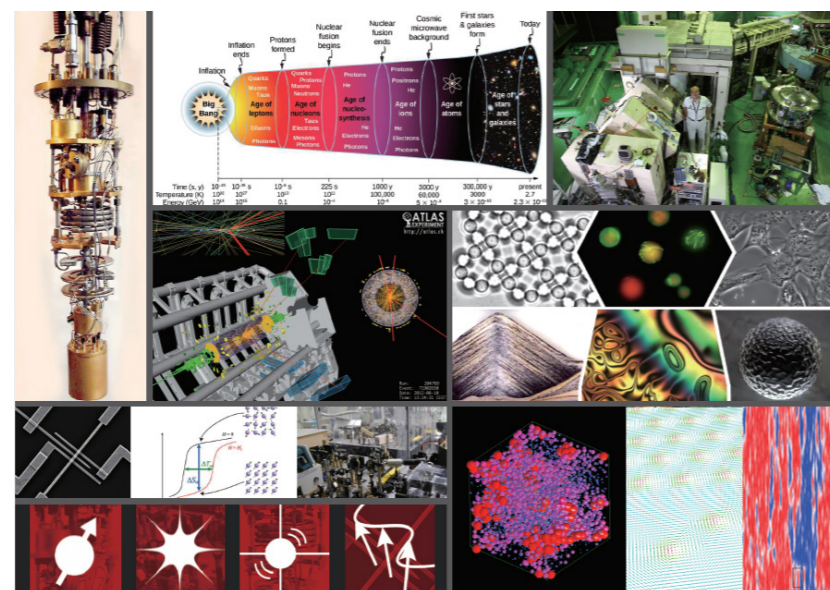
October Admission : June, 2024  
October Admission :  
For CSC applicants: Early December, 2023

## GET MORE INFORMATION

Website  
<https://www.sci.kyushu-u.ac.jp/e/admission/admission.html>



Related Contact: Student Office  
✉ [rixgksien@jimu.kyushu-u.ac.jp](mailto:rixgksien@jimu.kyushu-u.ac.jp)



## OVERVIEW

The origins of the Graduate School of Science at Kyushu University date back to the time when the School of Science was founded in 1939. Following several phases of expansion and restructuring it was established in its current form in the year 2000. Initially, Master's and Doctoral programs were run in five separate departments, but since 2008 these have been integrated into three; Physics, Chemistry and Earth and Planetary Sciences. Graduate programs in Mathematics and Systems Life Sciences are also offered in closely related, but independent, graduate schools. The objective of the Graduate School of Science is to provide an atmosphere of intellectual creativity in a broad range of sciences so that through their research, students can train to become specialists in their fields. The requirements for obtaining a graduate degree are creative thinking skills, problem pursuit skills, and problem solving skills rather than simply attending classes and accumulating course credits. The education in the Graduate School of Science puts emphasis on fostering these skills by promoting academic interaction between professors and students. In today's rapidly changing society, our graduate school remains a center of innovative education and research excellence by training experts who will play a leading role in shaping the future world we live in.



## Students' Voice

**XU KE** (From China)

### What is your research about?

I am interested in the development of novel chiral catalysts. Chirality means a molecule cannot be superposed on its mirror reflection by any rotations. A chiral compound exists as two enantiomers, called (R)- or (S)-isomer. It plays an important role in the pharmaceutical industry and natural products chemistry. For example (S)-levofloxacin is more active than (R)-isomer or its racemic mixture. A racemic mixture can be optically resolved by recrystallization or HPLC; however, this is not efficient. Therefore, my research focuses on organic catalysts which can directly synthesize optically active compounds.

### What is an advantage of Kyushu University?

Inside our Kyushu University library, you can read anything you want to learn. Not only for your research lectures but also to find a literature you'd enjoy. I write Haiku or Tanka on my free time. My favorite piece is 「雪色に立ち染める海 雨 晴空に飛ばそう入り紛れかも」. I hope you enjoy studying at Kyushu University.



# Graduate School of Mathematics

## DEGREE

Master of Mathematics  
Doctor of Philosophy in Mathematics

## CAREERS

Engineers

## DEPARTMENT

Mathematics

## COURSES

Mathematics  
Functional Mathematics (Doctoral Program only)

## APPLICATION PERIOD

### Research Students

April Admission: Mid December, 2023  
October Admission: Mid June, 2024

### Master's Program

October Admission : Early April, 2024

### Doctoral Program

October Admission : Early April, 2024  
October Admission : For CSC applicants: Early December, 2023

## GET MORE INFORMATION

Website  
[https://www.math.kyushu-u.ac.jp/eng/entryexams/graduate\\_course](https://www.math.kyushu-u.ac.jp/eng/entryexams/graduate_course)



Related Contact: Student Office  
✉ [r1xgksien@jimu.kyushu-u.ac.jp](mailto:r1xgksien@jimu.kyushu-u.ac.jp)

## OVERVIEW

Today, mathematics is in fact the foundation of almost all advanced technologies which drives our modern society. Therefore, there is now a need like never before in many scientific and technical fields for researchers skillful in pure and applied mathematics. Without doubt this trend will continue in the years to come on an international scale.

The Graduate School of Mathematics at Kyushu University is one of the most significant mathematics departments in Japan. At the same time as pure mathematics, we provide a wide range of education focusing on industrial applications. The faculty members mainly belong to the faculty of Mathematics and the Institute of Mathematics for Industry.

The predecessor, the Department of Mathematics, the Faculty of Science at Kyushu University, was founded in 1939, and it became its current form in 2000. On the other hand, the latter was founded in 2011 and is the only research institute in Japan that aims to contribute to the development of industrial mathematics. As a research institute, the Institute of Mathematics for Industry is leading the industrial mathematics of Japan. These two organizations cooperate and develop human resources that can play an active role in society using mathematics.



### Students' Voice

**LIU YUXUAN** (From China)

### What is your research about?

My research area is in dynamical systems theory. More precisely, I study statistical properties of various systems by exploring the corresponding transfer operators and/or constructing suitable tower structure. My main target now is to show exponential mixing rate for the  $U(1)$ -extension over a piecewise expanding map on the unit circle (with countable partition). This serves as the first step towards the ultimate goal of establishing a counterpart of the so-called Young towers for flows, which would shed some light on this challenging field. Throughout the preparation of this work, I constantly gained momentum from Tsujii sensei, my doctoral advisor, who has demonstrated to me sincerely the mind and working style of a preminent mathematician.

### What is an advantage of Kyushu University?

Fukuoka is one of the most suitable cities to live in across the world and Ito Campus is located in a tranquil part in Fukuoka. The natural environment here is extremely nice. We can go hiking with friends on weekends or visit the seashore and taste fresh seafood. Life in Fukuoka is no doubt an enjoyment!



# Graduate School of Systems Life Sciences

## DEGREE

Master of Systems Life Sciences / Engineering / Philosophy / Science  
 Doctor of Systems Life Sciences / Engineering / Philosophy / Science

## CAREERS

Researchers

## DEPARTMENT

Systems Life Sciences

## COURSES

Bioinformatics  
 Life Engineering  
 Medical Life Sciences  
 Biological Sciences

## APPLICATION PERIOD

### Research Students

April Admission : Mid December, 2023  
 October Admission : Mid June, 2024

### Master's Program

October Admission : April, 2024

### Doctoral Program

October Admission : April, 2024  
 October Admission : For CSC applicants: December, 2023

## GET MORE INFORMATION

Website  
<https://www.sls.kyushu-u.ac.jp/>



Related Contact: Student Office  
 ✉ [rixgksien@jimu.kyushu-u.ac.jp](mailto:rixgksien@jimu.kyushu-u.ac.jp)



## OVERVIEW

Our Graduate School of Systems Life Sciences is essentially a multidisciplinary unit, with experts in engineering, biology, information science, and medical research. We use a systems approach, considering the complexities and interactions in life sciences. That's why we have the "Systems" in the name of our School. To really understand how things work and to really be creative, we need to use a systems approach to analyze from multiple perspectives how everything interacts and how everything is connected.

Modern society faces a variety of problems. Environmental problems are becoming more serious, and medical problems are becoming more complex. These issues cannot be solved by one specialty alone. Therefore, we offer a multidisciplinary approach, combining engineering, biology, information science and medical research. We have the divisions of 1) Bioinformatics, 2) Life Engineering, 3) Medical Life Sciences, and 4) Biological Sciences. The mission of our school is to nurture young researchers who have multi-perspective to life sciences to understand and solve the current situation and contribute to a bright future. Our school has a variety of attractive programs to help you face the challenges of today's society and create a brighter future.



### Students' Voice

**FADLINA AULIA** (From Indonesia)

### What is your research about?

I joined Katayama Laboratory which belongs to the Chemistry and Biochemistry Course to pursue my interest in designing drug delivery carrier. Currently, I am carrying out a topic of nano-sized drug carrier design based on synthetic polymer interaction. The main purpose is to achieve knowledge for efficient cell penetration and how to modulate cell-carrier interaction. With intimate supervision and warm support from professors and other group members, together we manage to overcome several challenges in the ongoing-work and present it in some domestic and international conferences. Chances for discussion and joint research are also openly available with some experts from other labs or even other universities.

### What is an advantage of Kyushu University?

Ito Campus has state-of-the-art facilities to support research of wide range of fields, which are mainly located in West zone and a part in East zone (I2CNER building) of Ito campus. In my research, to observe physicochemical properties of carriers and their interaction with cells, I mainly utilize various microscope for micro- to nanoscale observation, including fluorescence microscope, confocal laser scanning microscope, atomic force microscope, and transmission electron microscope.

# Graduate School of Medical Sciences

## DEGREE

**Medical Sciences** Doctor of Philosophy (Medical Science)  
**Health Sciences** Master of Health Sciences / Nursing Science  
 Doctor of Philosophy in Health Sciences / Nursing

## CAREERS

**Medical Sciences** University lecturers and doctors  
**Health Sciences** University lecturers

## DEPARTMENT

## COURSES

### Medical Sciences

Anatomy / Medical Biophysics / Structural and Functional Medicine / Anatomy and Neurobiology / Immunogenetics / Pediatrics / Genesiology / Epigenomics / Pathology / Microbiology and Immunity / Pathophysiology / Internal Medicine / Surgery / Cardiovascular Sciences / Respiratory Medicine / Physiology Science / Biochemistry / Pharmacology / Neurofunctional Genomics / Molecular and Cellular Biology / Organogenesis and Regeneration / Immunology and Genome Biology / Biomedicine / Environmental Health and Socio-Medical Sciences / Medical Education / Mucosal Immunology / Inflammation and Proteostasis / Stem cell Biology and Medicine

### Health Sciences

Nursing / Medical Quantum Science / Medical Technology

## APPLICATION PERIOD

Research Students	<b>Medical Sciences</b>	April Admission : December,2023 October Admission : June,2024
	<b>Health Sciences</b>	April Admission : Early November,2023 October Admission : Early June,2024
Master's Program	<b>Health Sciences</b>	October Admission : Early May,2024
Doctoral Program	<b>Medical Sciences</b>	April Admission 1st Application Period : August,2023 2nd Application Period : December,2023
	<b>Health Sciences</b>	October Admission : Early May,2024

## GET MORE INFORMATION

Medical Sciences  
Website  
<https://www.grad.med.kyushu-u.ac.jp/english/>



Health Sciences  
Website  
<https://www.shs.med.kyushu-u.ac.jp/EN/index.html>



Related Contact: Student Office  
Medical Sciences  
✉ [ijgdaigakuin@jimu.kyushu-u.ac.jp](mailto:ijgdaigakuin@jimu.kyushu-u.ac.jp)

Health Sciences  
✉ [ijghoken@jimu.kyushu-u.ac.jp](mailto:ijghoken@jimu.kyushu-u.ac.jp)

## OVERVIEW

The core mission of Graduate School of Medical Sciences, Kyushu University is to nurture medical practitioners, medical care specialists and researchers serving globally. This graduate school comprises of three departments of Medical Sciences (Master and Doctor Course), Health Sciences (Master and Doctor Course) and Health Care Administration and Management (Master Course). Our faculty members work together as a team to contribute to education that creates superior medical professionals in close collaboration with Kyushu University Hospital. In addition to education, our faculty places an emphasis to our core mission for the advancement of medical research as a research institute. We are seeing ever-increasing research outcomes, showing steady research accomplishments in diverse fields.

However, considering the prevailing trend toward university reform, we should not be merely satisfied with the status quo. We have a diversity of excellent researchers in various fields who are committed to the advancement of world-class research. It is our desire to encourage joint research by strengthened interdisciplinary collaboration and to expand our scope of activities outside the university and to the world to pursue world-class research. We will build up a structure enabling proactive support for both basic and clinical medicine and foster an environment for nurturing human assets to lead future-generation medical care and medical study with our distinctive faculty team.



### Students' Voice

**CEYDA CUMUR** (From Turkey)

### What is your research about?

Currently, I am doing my master's degree in Division of Medical Quantum Sciences. It is important to monitor the dose resulting from imaging techniques especially used in medical fields, so my research topic focuses on organ dose estimation originating from Cone Beam Computed Tomography using Monte Carlo simulation. I believe that the use of Monte Carlo simulation and utilizing what I have learned from is a great step for my future works.

### What is an advantage of Kyushu University?

As is known, people who live abroad can face some difficulties. However, it was easy to live in Japan for me thanks to especially my teacher, Professor Toshioh Fujibuchi, also supporter student provided by Kyushu University, other teachers, and classmates. At the same time, the provided opportunities in terms of education, social and cultural life are quite much in Fukuoka.

# Graduate School of Dental Science

## DEGREE

Doctor of Philosophy / Dental Science / Clinical Dentistry / Master of Oral Science

## CAREERS

Dentists and researcher

## DEPARTMENT

Dental Science

## COURSES

Molecular Cell Biology and Oral Anatomy, Molecular and Cellular Biochemistry, Aging Science and Pharmacology, Oral Neuroscience, Oral, Brain and Total Health Science Preventive and Public Health Dentistry, Pediatric and Special Need Dentistry, Orthodontics and Dentofacial Orthodontics, Biomaterials, Endodontology and Operative Dentistry, Periodontology, Fixed Prosthodontics, Implant and Rehabilitative dentistry, Oral Pathology, Oral and Maxillofacial Radiology, Oral and Maxillofacial Surgery, Oral and Maxillofacial Oncology, Dental Anesthesiology, General Oral Clinic, Geriatric Dentistry and Perioperative Medicine in Dentistry

## APPLICATION PERIOD

**Research Students** April Admission : Around December, 2023  
October Admission : Around July, 2023

**Master's Program** April Admission  
Application Period: December, 2023 - January, 2024  
October Admission :Not Fixed

**Doctoral Program** April Admission  
1st Application Period: August-September, 2023  
2nd Application Period: December, 2023 - January, 2024  
October Admission : May-June, 2023

## GET MORE INFORMATION

Website  
<http://www.dent.kyushu-u.ac.jp/eng/education/>



Related Contact: Student Office  
✉ [ijgsigaku@jimu.kyushu-u.ac.jp](mailto:ijgsigaku@jimu.kyushu-u.ac.jp)

## OVERVIEW

Since the establishment of the Faculty of Dental Science in 2000, we have been working to enhance education, research and dental care under the philosophy of "Overall Well-being through Oral Health". Our graduate school international course was established in 2010, and so far, 46 students, mainly from China, Southeast Asia and Middle East, have obtained a Ph.D. degree with us. To attract more international students to join our graduate school we started a 2 years Master's program in 2022. In addition, to nurture students with an international perspective and to increase our international presence, we will sign a double degree agreement with Yonsei University in Korea and are working towards establishing networks with our graduate International students. On the research side, we established the Oral Health/Brain Health/ Total Health (OBT) Research Center in 2016, based on the idea that maintaining oral health leads to brain and overall health. Furthermore, a new Dent-craniofacial Development and Regeneration (DDR) Research Center was established in 2021 to promote further research and clinical trials for the development of regenerative medicine in the oral field. From now on, we plan to focus on the research conducted at these two research centers and share our research results with the world, and ultimately, we aim to be a "Global Hub for Dental Science".



## Students' Voice

**M ANAS ALHASAN** (From Syria)

### What is your research about?

Enrolling at the Graduate School of Dental Science, Department of Endodontology and Operative Dentistry was the dream that came true for me. Our department focuses on regeneration of dental tissues using various stem cell types including induced pluripotent stem cells iPSCs. Engaging in such pioneer research came with some challenges, but my supervisor was very supportive and his kind guidance helped me a lot to get through these difficulties. My colleagues too were friendly and cooperative. Thanks to them, my life in Kyushu University became fascinating.

### What is an advantage of Kyushu University?

Kyushu University offers great deal of support and courses to learn Japanese for all levels. The teachers are very kind and their classes are interesting and essential for daily life. Advanced courses for Business Japanese are available to help students with job hunting. Teachers' kind support for international students helped us to overcome language difficulties and cultural barriers.

# Graduate School of Pharmaceutical Sciences

## DEGREE

Master of Pharmaceutical Sciences  
Doctor of Philosophy / Medicinal Sciences

## CAREERS

Researchers etc.

## DEPARTMENT

Medicinal Sciences

## COURSES

International Course in Graduate School of Pharmaceutical Sciences (M.S./Ph.D.)

## APPLICATION PERIOD

**Research Students** April admission: Early December 2023  
October admission: Early June 2024

**Master's Program** April admission:  
1st application period: Mid to late July 2023  
October admission:  
2nd application period: Mid to late July 2024

**Doctoral Program** April admission:  
1st application period: Mid to late July 2023  
2nd application period: Mid to late November 2023  
October admission:  
1st application period: Mid to late November 2023  
2nd application period: Mid to late July 2024

## GET MORE INFORMATION

Website  
<https://www.phar.kyushu-u.ac.jp/en/>



Related Contact: Student Affairs Section  
✉ [ijgyakugaku@jimu.kyushu-u.ac.jp](mailto:ijgyakugaku@jimu.kyushu-u.ac.jp)

## OVERVIEW

The basic philosophy of the Graduate School of Pharmaceutical Sciences is to deepen the integration of material science and the biological science, and to seek systematically studying those sciences related to drug discovery and the environment for prevention and treatment of diseases to maintain and improve our health.

And by returning our research results to the advanced knowledge and aging society of the 21st century as in the form of specific science technologies and skills, our goal is to contribute to the medical care and welfare of humankind.

As the example of strengthening our functions by taking advantage of our unique characteristics and strength, our mission is "to foster drug discovery researchers by utilizing cross-disciplinary education and research system that unites research units related to Drug Discovery And Development and Drug Fostering And Evolution" and "to promote our original research such as pain research and Green Pharma Research (environment harmony type Drug Fostering And Evolution research)". In addition, the formation of a drug discovery center to promote the human and earth friendly "Green Pharma Research" which is unique to the Graduate School of Pharmaceutical Sciences, is being accelerated.



### Students' Voice

**PINEDA GARCIA JORGE CARLOS** (From the Republic of Honduras)

### What is your research about?

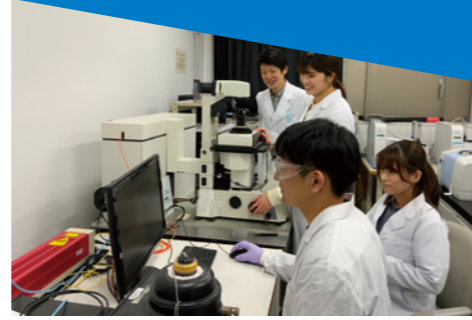
My research is about biochemical and metabolomics profile of novel synthetic cannabinoids and abuse of drugs. The Pharmaceutical Sciences Doctoral program enriches my scientific knowledge and broadens my researcher mindset as well. Critical thinking and professional development are constantly reassured as the participation in local, and international scientific meetings make me encouraged. Moreover, I am very proud that highly specialized professors from diverse pharmaceutical fields are continuously guiding my research, enhancing the skills and techniques in order to achieve higher standards of academic excellence. If research is your passion and you are up to the scientific challenge, the Pharmaceutical Sciences Doctoral course is your home.

### What is an advantage of Kyushu University?

The Graduate School of Pharmaceutical Sciences is design in such ways that provides the researcher with a complete range of modern equipment to perform high-end scientific analysis. The interdisciplinary collaboration among departments confers the student a high degree of confidence to execute and succeed in his academic goals.



# Graduate School of Engineering



## DEGREE

Master of Engineering  
Doctor of Philosophy in Engineering

## CAREERS

Engineers, researchers,  
lecturers and professors

## DEPARTMENT

## COURSES

Materials	International Master's/Doctoral Program in Materials
Applied Chemistry	International Master's/Doctoral Program in Applied Chemistry
Chemical Engineering	International Master's/Doctoral Program in Chemical Engineering
Mechanical Engineering	International Master's /Doctoral Program in Mechanical Engineering
Hydrogen Energy Systems	International Master's /Doctoral Program in Hydrogen Energy Systems
Aeronautics and Astronautics	International Master's / Doctoral Program in Aeronautics and Astronautics
Applied Quantum Physics and Nuclear Engineering	International Master's/Doctoral Program in Applied Quantum Physics and Nuclear Engineering
Naval Architecture and Ocean Engineering	International Master's /Doctoral Program in Naval Architecture and Ocean Engineering
Earth Resources Engineering	International Master's/Doctoral Program in Earth Resources Engineering
Civil Engineering	International Master's/Doctoral Program in Civil Engineering
Cooperative Program for Resources Engineering	Master's course in Department of Cooperative Program for Resources Engineering

## APPLICATION PERIOD

### Research Students

April Admission : Late January, 2024 / October Admission : Late July, 2024

### Master's Program

April Admission : December, 2023 / October Admission : May, 2024

### Doctoral Program

April Admission : January, 2024 / October Admission : July, 2024

## GET MORE INFORMATION

Website  
<https://www.eng.kyushu-u.ac.jp/e/>



Student Affairs Division  
✉ [kotkokusai@jimu.kyushu-u.ac.jp](mailto:kotkokusai@jimu.kyushu-u.ac.jp)

## OVERVIEW

Engineering is continuously evolving to meet the developments of our society as well as to create the future. The seventeen Sustainable Development Goals (SDGs) for the future have been recently set by the United Nations. Engineering is involved in almost all the SDGs to be achieved. Graduate School of Engineering at Kyushu University consists of 11 departments, which encompass majority of engineering. All the departments have international courses where the activities are entirely done in English, in addition to the standard Japanese ones. In both courses you will join a laboratory to which you are assigned and will be involved in a specific research subject for the Master/Doctor thesis, which nobody knows the exact solutions yet. In the laboratory you may meet not only your supervisor but also other foreign and/or Japanese students in friendly rivalry. This environment will surely bring you a fruitful university life. The Graduate School of Engineering is proud of the state-of-art world-class research facilities, such as super computers, a wide variety of advanced analytical and synthesis instruments, high-end electron microscopes and related apparatus, low temperature facilities, particle accelerators, a synchrotron light source, precise wind tunnel equipment, a giant water pool (not for human usage!), and so on. The well-equipped facilities enable you to carry out your own research in the international level. We do hope that you will enjoy the close encounters with various unknowns at the Graduate School of Engineering, Kyushu University.



### Students' Voice

## PHUA YIN KAN (From Malaysia)

### What is your research about?

My research on fuel cell focuses on accelerating the improvement of fuel cell performance via machine learning and artificial intelligence. Coming from a chemistry background, I did not have any knowledge about programming, let alone building a machine learning model prior to my research. I am thankful for my advisor for always being available and patiently guiding me through the difficulties faced during research. This supportive and nurturing environment played a huge role in learning the necessary programming skills, to make progress in my research. Kyushu University has a friendly environment and vast resources to support our lives both within and outside of research, and I am proud to be a student of Kyushu University.

### What is an advantage of Kyushu University?

I have been a member of photography club since coming to Kyushu University. Main activities include organizing photo exhibition and monthly photo shooting trips in and around Fukuoka. I have had a lot of fun exploring the country through a different lens with other friends in the club.

# Graduate School of Design

## DEGREE

Master of Design/ Design Strategy  
Doctor of Philosophy in Design/Engineering

## CAREERS

Designers, researchers or lecturers at universities or research institutions

## DEPARTMENT

Design

## COURSES

Master's Program in Strategic Design/Environmental Design/Human Life Design and Science/Design Futures/Media Design/Acoustic Design  
Doctoral Program in the Department of Design

## PERIOD

### Research Students

April 2024 Admission: November 2023  
October 2024 Admission: May 2024

### Master's Program(Tentative)

1. Admission by Personal Merits (October 2023/April 2024 Admission): May 2023  
2. Admission by General Entrance Examination (April/October 2024 Admission): August 2023

### Doctoral Program(Tentative)

October 2023 Admission(Second Call)/April 2024 Admission(First Call): June 2023  
April 2024 Admission(Second Call)/October 2024 Admission(First Call): November 2023

<https://www.design.kyushu-u.ac.jp/en/admission/#Graduate+School+of+Design>

## GET MORE INFORMATION

Website  
<https://www.design.kyushu-u.ac.jp/en/home/>



Research Students:  
Academic Affairs Section  
✉ [gkgkenkyusei@jimu.kyushu-u.ac.jp](mailto:gkgkenkyusei@jimu.kyushu-u.ac.jp)  
Master's and Doctoral Students:  
Student Affairs Section  
✉ [gkggakusei@jimu.kyushu-u.ac.jp](mailto:gkggakusei@jimu.kyushu-u.ac.jp)



## OVERVIEW

The Graduate School of Design has launched a new curriculum in 2022, intending to promote integrated and cross-disciplinary design in response to the rapidly changing social environment surrounding us in the expanding field of design. All subjects in the master's and doctoral programs will be offered in English, and Japanese language proficiency is not required for graduation. The new master's program devises a system of six courses under the Department of Design. Students can choose from any and all subjects available in the department and conduct their research while developing their expertise through classes from different disciplines. Furthermore, in the doctoral program, students will receive guidance from a group of academic supervisors from multiple disciplines. The Graduate School of Design also offers a unique category of project-based subjects spanning across courses, known as "Studio Projects". Some examples are "Archive Design in the Digital Age: Shoei Yoh Archive Project", "Thinking about How Concerts Should be for People with Hearing Disabilities", "Kyushu University Hospital x Design Project" and "Bus Stop Design Project". These include various phases where students must tackle multiple issues, from design basics to societal implementation. For example, a recent project involved introducing serious games into a rehabilitation program for the elderly to reduce stress and promote rehabilitation.



### Students' Voice

**AHMED MOHAMMED SAYED** (From Egypt)

### What is your research about?

My research theme is primarily about investigating campus-city relationships to understand how cities can sustain university campuses to build a successful functional relation. In my research, I apply different urban analytics research methodologies to analyse this relationship in a deeper way. A sustainable campus-city relationship can open the door to publicise and promote innovation by building connections between students, researchers, and the public. It can also be seen through citizen participation and public engagement with university activities and projects. I hope that my studies will help people better understand this relationship to backup decision-makers in achieving higher sustainability goals and making universities a core hub for city innovation.

### What is an advantage of Kyushu University?

After arriving in Japan, I was fortunate enough to attend the Japanese Language Intensive Course for six months. During the course, I had the opportunity to go on many field trips around Fukuoka. The course has also helped me improve my Japanese language and get introduced to the Japanese lifestyle and traditions, which helped me enjoy my stay in Fukuoka.

# Graduate School of Information Science and Electrical Engineering

## DEGREE

Master of Information Science / Science / Engineering / Philosophy  
 Doctor of Information Science / Science / Engineering / Philosophy

## CAREERS

Manufacturing engineers, information processing and communication engineers, researchers, lecturers and professors

## DEPARTMENT

Information Science and Technology

Electrical and Electronic Engineering

## COURSES

International Master's/Doctoral Program in Information Science and Technology

International Master's/Doctoral Program in Electrical and Electronic Engineering

## APPLICATION PERIOD

**Research Students** April Admission : Mid December, 2023  
 October Admission : Mid June, 2024

**Master's Program** October Admission : Early December, 2023

**Doctoral Program** April Admission : Mid January, 2024  
 October Admission : Mid June, 2024

## GET MORE INFORMATION

Website  
<http://www.isee.kyushu-u.ac.jp/e/>



Related Contact: Student Affairs Division  
 ✉ kotkokusai@jimu.kyushu-u.ac.jp

## OVERVIEW

The Graduate School of Information Science and Electrical Engineering (ISEE) consists of the Department of Information Science and Technology and the Department of Electrical and Electronic Engineering. Artificial Intelligence (AI) is now regarded as the cutting-edge information technology that enables innovations and is propelling our society towards more convenient, more efficient, safer, and a more sustainable world. AI alone, however, cannot achieve this. As in 'Society5.0', many data are measured by sensors, locally processed by 'edge computing', transferred through wireless communication networks, and analyzed by AI. Then, judgment and decisions are made, and executed by actuators and sometimes by humans. These require advanced theories, sophisticated software and high-performance hardware for communication, information processing, and their applications, together with efficient and reliable electrical power supply. The Graduate School of ISEE covers all of these theories and technologies. Students can learn many of them while focusing on their selected specialties. Also, the graduate school has strong connections with other graduate schools in the University. Some faculty members participate in education at the Graduate Schools of Systems Life Sciences, Integrated Frontier Sciences, and Mathematics for Innovation. Moreover, 35% of our students are international students. In this interdisciplinary and international atmosphere, students learn the theories and applications, and conduct research in the field of ISEE.



### Students' Voice

**AMALINA ATHIRA BINTI IBRAHIM** (From Malaysia)

#### What is your research about?

With the exponential growth of the data traffic in wireless communication systems, the high-frequency band is envisioned as a promising candidate to support ultra-high speed for the future beyond fifth-generation (5G). With that fact, our team is currently working with photonic technology to generate high-frequency electromagnetic waves. This method eventually generates a high-frequency carrier which is ten times higher than the current 5G wireless carrier frequency. We are using a photoelectronic conversion device to achieve this high-frequency electromagnetic wave. Not only that, but we are also working on controlling this high-frequency electromagnetic wave. Our controlling technique utilizes lightwave technology which has developed in optical fiber communication. We apply this technology to ensure the stability of the high-frequency electromagnetic wave by controlling the property of the lightwave. Specially, we are using a light interferometer to stabilize the lightwave for generating a stable high-frequency electromagnetic wave for the promising beyond 5G wireless communication system.

#### What is an advantage of Kyushu University?

People might think being a Muslim in a Non-Muslim majority country might be challenging. However, as a Muslim woman, I found the environment at Kyushu University is conducive and favorable. Delicious halal food is being sold in almost all the cafeteria and convenience stores around the campus. The praying room is also available at every level in my building. In a nutshell, Kyushu University is a 'Muslim-friendly' study place.



# Interdisciplinary Graduate School of Engineering Sciences

## DEGREE

Master of Science / Engineering / Philosophy  
 Doctor of Science / Engineering / Philosophy

## CAREERS

Engineers, Researchers, Professors and Administrative officers

## DEPARTMENT

Interdisciplinary  
 Engineering Sciences

## MAJOR

- Science and Engineering of Materials and Devices
- Chemistry and Materials Science
- Device Science and Engineering
- Plasma and Quantum Science and Engineering
- Mechanical and Systems Engineering
- Earth System Science and Technology

## APPLICATION PERIOD

**Research Students** April Admission : Mid December, 2023 / October Admission : Mid June, 2024

**Master's Program** April Admission : Early January, 2024 / October Admission : Early May, 2024

**Doctoral Program** April Admission : Early January, 2024 / October Admission : Early May, 2024

## GET MORE INFORMATION

Website  
<https://www.tj.kyushu-u.ac.jp/en/index.php>



Related Contact: Student Affairs Division,  
 Chikushi Campus, Kyushu University  
 ✉ [igsesadmissions@jimu.kyushu-u.ac.jp](mailto:igsesadmissions@jimu.kyushu-u.ac.jp)

## OVERVIEW

Over the past 40 years, IGSES has educated a wide range of excellent students from various undergraduate schools and universities from all over the world. It has achieved remarkable academic success through interdisciplinary research activities. The cooperation of two adjunct institutes, the Institute for Materials Chemistry and Engineering (IMCE) as well as the Research Institute for Applied Mechanics (RIAM) further supplement the research and educational output of IGSES.

The educational curriculum of the IGSES focuses on three majors, i.e. energy, environment, and materials, and intends to create researchers and engineers who (1) are highly skilled in problem solving and have a strong potential for further novel research; (2) demonstrate a high level of environmental and scientific expertise applied to eco-conscious technologies; and (3) are poised to thrive internationally to contribute to SDGs.

IGSES has hosted several national leading graduate programs for excellent students, such as the Intellectual Exchange and Innovation Program (IEI Program) which provide scholarship from the Ministry of Education, Culture, Sports, Science and Technology, Japan (Monbukagakusho, MEXT) to selected excellent Ph.D students. Under these circumstances, the ratio of international students to all students in IGSES currently exceeds 35%.



### Students' Voice

**CHAIRUNNISA** (From Indonesia)

#### What is your research about?

I choose IGSES because I see many research collaboration chances with other disciplinary researchers. My research is focused on developing low-cost materials for dehumidification to be used in air conditioning systems. I enrolled in a research laboratory focused on developing thermal energy-driven air conditioning and heat pump systems to minimize the global warming potential. My research strongly supports Sustainable Development Goals (SDGs) that focus on providing sustainable cities, communities, and climate action. By enrolling in this school, I am able to deepen my knowledge about energy, environment, and air conditioning from many perspectives.

#### What is an advantage of Kyushu University?

Kyushu University is located in one of the best cities to live in Japan, which is Fukuoka. This place perfectly represents a sustainable city with well-protected nature, cultures, cuisine, and warm local people. Choosing Fukuoka and Kyushu University to pursue a higher degree in education is one of the best decisions I have ever made.



# Graduate School of Bioresource and Bioenvironmental Sciences

## DEGREE

Master of Science  
Doctor of philosophy in Agricultural Science

## CAREERS

Agriculture, forestry, fisheries and manufacturing

## DEPARTMENT

**Bioresource Sciences**

## COURSES

Agrobiological Sciences  
Animal and Marine Biosciences

**Agro-environmental Sciences**

Bioproduction Environmental Sciences  
Forest Environmental Sciences  
Sustainable Bioresources Science

**Agricultural and Resource Economics**

Agricultural and Resource Economics

**Bioscience and Biotechnology**

Molecular Biosciences  
Systems Bioengineering  
Food Science and Biotechnology

## APPLICATION PERIOD

**Research Students**  
(Spring Term Entry) Mid December 2023,  
(Autumn Term Entry) Mid June 2024

**Master's Program**  
(Autumn Term Entry) 1st: Mid February 2024,  
2nd: Late March 2024,  
3rd: Early June 2024

**Doctoral Program**  
(Spring Term Entry) Late December 2023,  
(Autumn Term Entry) 1st: Mid February 2024,  
2nd: Late March 2024, 3rd: Early June 2024

## GET MORE INFORMATION

Website  
<https://www.agr.kyushu-u.ac.jp/english/education/graduate/igp/how-to-apply/>



Related Contact:  
International Student Exchange Section,  
Faculty of Agriculture, Kyushu University  
✉ [nogryugaku@jimu.kyushu-u.ac.jp](mailto:nogryugaku@jimu.kyushu-u.ac.jp)



## OVERVIEW

The Faculty of Agriculture was established in February 1919 and has developed steadily while making great strides in the fields of research and education of agricultural science and technology, including newer areas such as biological control, food science and technology, genetic resources and biotechnology. In the 21st century, we are entering a new era of applied biology supported by a profound understanding of nature and by the advancement of gene manipulation, protein engineering, cell fusion, etc., which have not only improved extant biological techniques but also made it possible to design innovative hitherto-unknown methodologies and techniques. Incorporating these into our programs, our research and education cover a broad spectrum of disciplines including biological, chemical, physio-mathematical, social and environmental sciences, which are related to maintaining a stable and sustainable supply of the food and natural materials indispensable for life, the conservation of wildlife and the environment, and the health and welfare of mankind. Our international graduate program is entirely English-taught and the lectures are taught by experts in their subject areas, and students at all levels can participate in research using cutting-edge equipment and methods.

The Faculty of Agriculture offers a supportive international environment in which to develop your academic interests at Masters or PhD level, which will form a solid foundation for your future.



## Students' Voice

**HELEN VALERIE CORALES** (From the Philippines)

### What is your research about?

Agriculture is inherently a risky enterprise, and knowledge of farmers' risk attitude is important because it reflects their personal and economic condition when making production decisions. My research investigates the risk attitude of smallholder pig raisers in Pampanga, Philippines. We used a multiple price list lottery and paired it with a conventional questionnaire to determine the risk attitudes of pig raisers and its relationship with their production strategies. Results of our research show that our subjects are risk-seeking, which have implication on how government extension services for available technologies on pig production may be improved considering farmers' risk preferences.

### What is an advantage of Kyushu University?

The Kyushu University Central Library is one of the best landmarks and facilities at Ito Campus. Not only does it have an amazing collection of academic references, but it also lists a wide range of subjects for recreational reading- both in print and digital format. The four-story atrium gives a feeling of warmth and possibilities to curious minds of those who come for a visit.

# Graduate School of Integrated Frontier Sciences

## DEGREE

Master of Engineering / Automotive Science / Philosophy in Automotive Science  
 Doctor of Engineering / Automotive Science / Philosophy in Automotive Science

## CAREERS

Researchers and engineers in various fields

## DEPARTMENT

Automotive Science

## COURSES

Advanced Material and Chemistry Field  
 Dynamics Field  
 Information and Control Field  
 Human Science Field  
 Social Science Field

## GET MORE INFORMATION

Website  
<http://www.ifs.kyushu-u.ac.jp/pages/eng/ams/>



Related Contact: Administrative Office of the Department of Automotive Science  
 ✉ [ams@jimmu.kyushu-u.ac.jp](mailto:ams@jimmu.kyushu-u.ac.jp)

## APPLICATION PERIOD

**Research Students** April Admission: Mid January, 2024  
 October Admission: Mid July, 2024

<b>Master's Program</b>	April Admission:    October Admission:
<b>Doctoral Program</b>	For detailed information, please refer to the following website. <a href="http://www.ifs.kyushu-u.ac.jp/pages/eng/ams/admission/">http://www.ifs.kyushu-u.ac.jp/pages/eng/ams/admission/</a>

## OVERVIEW

The Department of Automotive Science, Graduate School of Integrated Frontier Sciences aims to develop highly capable experts who can innovatively resolve a variety of issues involving automotive frontier technologies, humanities and society, environment, and energy from the standpoint of automobile industry. Through the integration of knowledge, Department hopes to produce graduates who will be able to actively work in a number of areas focusing on automotive advancements and also to create a new automotive society. Department of Automotive Science offers international master's and doctor courses, and consists of the following five fields: Advanced Material and Chemistry / Dynamics / Information and Control / Human Science / Social Science. The faculty members consist of experts in automobile research from Kyushu University as well as from private and public car sector leaders, including the Ministry of Economy, Trade and Industry, Toyota Motor Corporation, and Nissan Motor Co., Ltd. Universities including Fukuoka Women's University, Seinan Gakuin University, Fukuoka University, and Kobe University also contribute faculty members. The department is also conducting cutting-edge research to create a future mobility society such as autonomous driving, vehicle electrification, and advanced supply chain management using IoT technology.



### Students' Voice

**TAKEDA ENDI KAZUTO** (From Brazil)

#### What is your research about?

I used to work as a Production Engineer in the Automobile Industry. My work made me interested in how the logistics of the company worked and how to improve it. That is why I got into Supply Chain Management and how to use technologies in IoT, more specifically RFID. The main goal is to see how the inventory levels and KPIs of a company can improve by introducing such technologies. Using simulations was a good way to also help understand what factors to consider for the inventory levels and to test different conditions that cannot be replicated quite easily in a different environment or company.

#### What is an advantage of Kyushu University?

I got in Kyushu University through the MEXT scholarship, which was a huge opportunity that made it possible for me to study abroad without worrying about my livelihood. Additionally, studying Japanese in Kyushu University improved my Japanese tremendously and also allowed me to make friends with a lot of people from different countries and cultures. These friendships and relations will surely accompany me for the rest of my life.