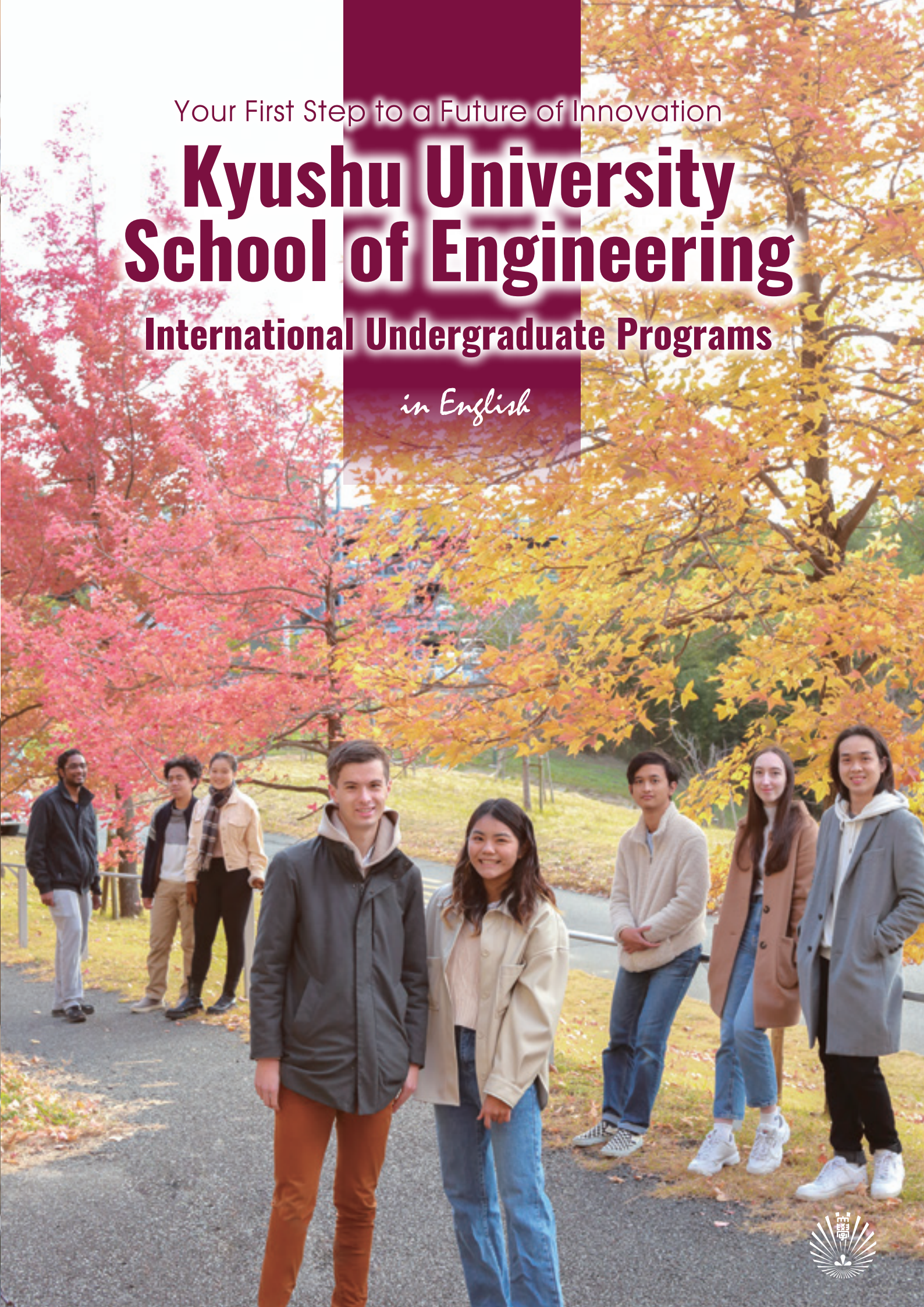
Your First Step to a Future of Innovation

Kyushu University School of Engineering

International Undergraduate Programs

in English



CONTENTS

Founded in **1911**

Premier National Seven University

Your First Step to a Future of Innovation

It is said that every journey begins with a single step. We invite you to take your first step with the School of Engineering at Kyushu University, utilizing a unique education and research environment to lead your personal journey to become a future innovator.

13% international students

Number of students **18,585**

RU 11
Top Research Universities in Japan

Selected as **Super Global University**

QS World University Rankings in 2021 **124th**

Kyushu University

Since its establishment in 1911 as the 4th Imperial University, Kyushu University has grown into an international research institution comprised of 12 undergraduate schools, 21 graduate schools, 16 faculties and a university hospital. Under the new slogan “Lead the next 100 years, leap to be in the best 100 world” which was set in 2011, Kyushu University is committed to educational and research advancement over the next century and aims to be ranked within the world’s top 100 in all disciplines. The university’s new flagship “Ito Campus” is the heart of an academic research city built on cooperation with government and industry.

Why Study at KYUSHU UNIVERSITY

One of the National Seven University Group

Kyushu University is a former imperial university founded by the Empire of Japan before World War II. These universities distinguish themselves as Japan's "Ivy League" and remain the cream of crop in research and prestige.

Japan's 4th oldest engineering school

Since the very beginning, we have taken pride in contributing to the development of Japanese society. The Faculty of Engineering of Kyushu University may trace its history back to 1911 when Kyushu Imperial University was established with the colleges of medicine and engineering.

Developing as Japan's Top Global University

The university is currently working to enhance its international profile under the government's Top Global University project while a number of engineering and technology subjects are already in the top 100 QS world rankings – the top 0.5% among 20,000 universities.

Tapping into world-class research infrastructure

The flagship Ito Campus features state-of-the-art facilities and equipment for research. Undergraduate students may also take advantage of this as they study in their program and conduct graduation research in their final year of study.

A member of Japan's Research University 11

RU 11 is a consortium which was established in 2009 consisting of the top 9 national and 2 private universities in Japan. Its membership shows that Kyushu University is highly active in research in the international academic community.

Very low Student to Faculty ratio of 9:1

Our very low student and faculty ratio promises you an optimal learning environment with a high level of interaction, engagement and academic support. Students main also gain much individual attention from their teachers and their research supervisor.

Strong ties with industry, both local and international

We are active in cooperation with business and industry, with companies maintaining their laboratories on-campus, facilitating a seamless transaction between academic research and commercial development and application.

Inspired by bright minds from across the globe

2,270 international students from 91 countries and regions are studying in Kyushu University.*1 The number of foreign students is on the rise yearly. The university is among the top five universities in Japan with the highest ratio of international students.

*1 As of May 1, 2021

World-level Research Institute and Notable Research

International Institute for Carbon-Neutral Energy Research: I^2CNER
- Carbon-neutral energy research for the creation of a sustainable and environmentally-friendly society

Next-Generation Fuel Cell Research Center: NEXT-FC
- Next-generation fuel cell research for a low-carbon society and a solution to global warming

Center for Organic Photonics and Electronics Research: OPERA
- Organic materials and devices for creating future electronics

Research Institute of Applied Mechanics: RIAM
- Ultra-efficient, next-generation compact wind lens power systems

Research and Development Center for Taste and Odor Sensing: R&D TAOS
- Taste sensors to detect and identify flavor (a world-first invention)

FUKUOKA

Settling in the city with great potential

In 2017, Fukuoka, home to Kyushu University, was ranked the number one city in Japan for Potential Growth with its tolerance of diversity, spirit to take on new challenges, and promotion of innovation. The city positions itself as Japan's start-up capital and can boast an internationally-recognized high quality of life. Come and explore your potential in this vibrant city!

A great livable city

Fukuoka, which literally means “Happy Hill” is a pleasant and cosmopolitan city; the 5th largest metropolis in Japan. 95% of its population report satisfaction with life and it was ranked as the world’s 7th most livable city by Monocle Magazine in 2016. Fukuoka enjoys a growing reputation as a modern, vibrant regional trade and production center, and is brimming with a dynamic and cosmopolitan atmosphere. The new flagship campus of Kyushu University, Ito Campus, is located in the western part of Fukuoka city in the middle of the Itoshima peninsula, an area that is rich in nature and has beautiful oceans nearby. Itoshima is ranked as the most liveable area in Fukuoka prefecture and is one of the top areas for quality of life in the world.
In 2021, Itoshima was ranked third in the Monocle’s Small Cities Index, a list of the world's best and brightest cities.

Gateway to Asia

Fukuoka is often called the "Gateway to Asia" because there are many flights that connect Fukuoka International Airport to Asia's major cities which include hub airports such as Singapore Changi Airport and Hong Kong International Airport. Fukuoka has also been Japan's culture gateway and contributed to the development of Japan’s history and culture since ancient times through active cultural exchanges with Asian countries.

A platform for Japanese green technology

In 2011, Fukuoka prefecture, Fukuoka city and Kitakyushu city were selected as one of seven international strategic zones of Japan, as the platform for developing Japanese green technology for export to the rest of Asia. This initiative aims to bring together industry and technology related to urban environment infrastructures; a field that Japan has promoted, refined and gained experience with in order to tackle global environmental issues. Fukuoka will lead the way in the development of green technology as it grows together with the rest of Asia. Furthermore, many leading companies have been founded in Fukuoka and Kitakyushu cities, including Yaskawa Electric and Toto Ltd. Japanese companies that have become household names throughout the world have a strong presence, including famous automobile companies such as Toyota Motors Kyushu Inc. and Nissan Motors Kyushu Co. Ltd.

Most desirable cities 1st

(among all cities in Japan, 2020 & 2021)

City growth potential (among 100 cities in Japan) — 1st

Population increase by number (among designated cities) — 1st

Ratio of young population (ages 15-19) — 1st

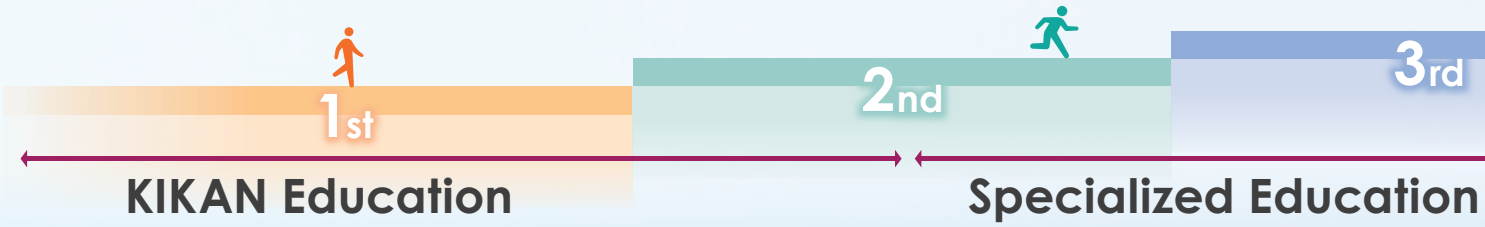
Number of international students (among designated cities) — 3rd

Lowest food cost (among 21 major cities) — 1st

INTERNATIONAL UNDER

—Leading to a Bachelor of Engineering—

Because of the wide-ranging influences of engineers on society, engineers not only require special knowledge in their respective fields, but also an understanding of ethics in engineering, a profound awareness of the diversity of humanity, and a broad education about the environment and the role of human beings within it. In keeping with this view of engineering's responsibility to society as a whole, IUP students take liberal arts subjects and science core classes in KIKAN Education provided in Center Zone for the first year, then proceed to take specialized subjects common to the four programs offered by the School of Engineering located in West Zone, and others that are specific to each program for the remainder of their study. During the Specialized Education period, students can also participate in “International Collaborative Capstone Project”, an innovative 1.5-year educational program, where agriculture and engineering students study together and collaborate.



Liberal Arts:

Japanese Issues, Global Issues, Intercultural Encounters, Interdisciplinary Collaborative Learning of Social Issues, Introduction to Economics, Introduction to Philosophy, Introduction to Law, Language and Communication in Society, etc.

Common Engineering:

Advanced Engineering, Engineering Ethics, Industry, Ordinary Differential Equation, Function Theory, Engineering Mathematics, Information Processing, etc.

Science Core:

Fundamental Physics, Calculus, Linear Algebra, Basic Chemistry, Fundamental Organic Chemistry, Introductory Biology, Basic Laboratory Experiments in Natural Sciences, etc.

International Collaborative C

International Co-Learning Practice in Science
Technology Collaborative Fieldwork in Science
Technical Communication 1~3, Japanese Lan

GRADUATE PROGRAMS

TOP 5 REASONS TO CHOOSE IUP

1. Education by top professors, research with leading scientists
2. Study in English, learn Japanese
3. Very small interactive classes of 4-6 people
4. Join the brightest minds from across the globe
5. International collaborative learning opportunities across disciplines

4th

& Graduation Research

Japanese
Complex
Introduction to

apstone
and
and Technology
guage Courses

+

Applied Chemistry

Civil Engineering

Electrical Engineering & Computer Science

Mechanical & Aerospace Engineering

Japanese Language Courses

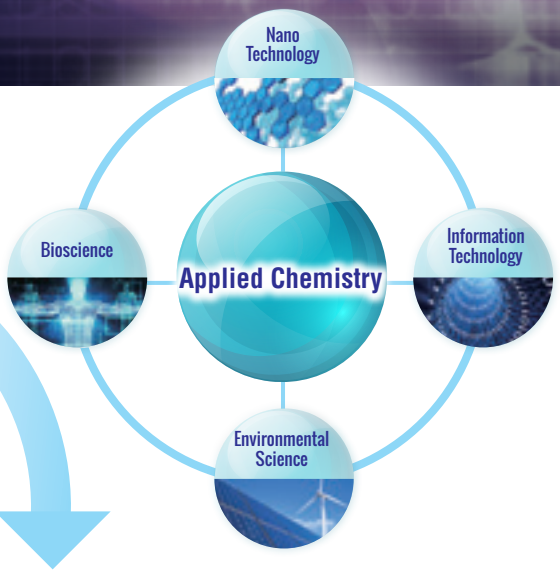
From university entrance until graduation, students can learn the Japanese language. For the first year and half, they obtain all-rounded Japanese skills through twice-a-week required Japanese courses which are offered at eight levels, ranging from beginner to advanced level. In the Specialized Education, students can further improve their Japanese proficiency to business level through elective Japanese language courses which are offered at three levels: low intermediate, high intermediate and advanced level.

Applied Chemistry

In Applied Chemistry, the creation of materials with structure and functions controlled at atomic and/or molecular levels is studied, with the goal of contributing to the sustainable growth of human society and environmental conservation. In this program, we provide an advanced education in chemistry which can be applied to various fields, and cover a range of materials from organic, inorganic to biomolecules.

Examples of Classes:

- Organic Chemistry
- Inorganic Chemistry
- Analytical Chemistry
- Biochemistry
- Physical Chemistry
- Polymer Chemistry
- Chemical Reaction Engineering
- Coordination Chemistry



Message from a STUDENT

Jiarui Song
China
Enrolled in 2020

Studying in the IUP program has been an incredibly intellectually challenging yet tremendously rewarding experience. Courses here are designed with a good balance between professional knowledge and practical experiences. The small capacity of classes offers you intimate relationships with classmates and allows you to gain individual attention from world-renowned professors. Multidisciplinary courses, professional faculty, the vibrant international community, and laboratory with advanced equipment – all in the IUP program – are only a few of the countless reasons I would recommend IUP applied chemistry to anyone who is seeking to gain a solid understanding in the field of chemistry.

Examples of Laboratories:

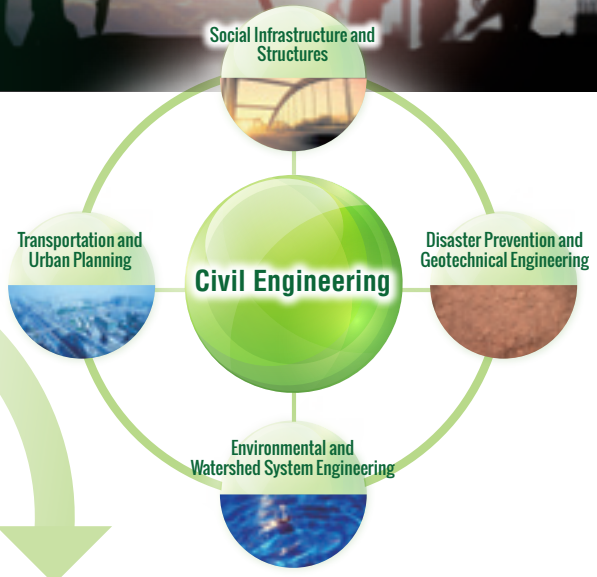
- Molecular Self-Assembly
- Carbon Nanotube
- Biomimetic Chemistry
- Drug Delivery System
- OLED
- Li-Battery
- Fuel Cell
- Photocatalysts

Civil Engineering

In Civil Engineering, the building, maintenance and control of social infrastructure is taught, including studies into restoration of devastated natural environments, all for the purpose of a happier and healthier society. In this program, students learn about the latest technologies, in various fields of building design and construction, urban planning, and soil and water environment preservation.

Examples of Classes:

- Structural Mechanics
- Hydraulics
- Soil Mechanics
- Transportation Planning
- Disaster Mitigation System Engineering
- Environmental System Engineering
- Mathematics of Planning
- Construction Materials



Message from a STUDENT

Anna Belanger
Canada
Enrolled in 2020

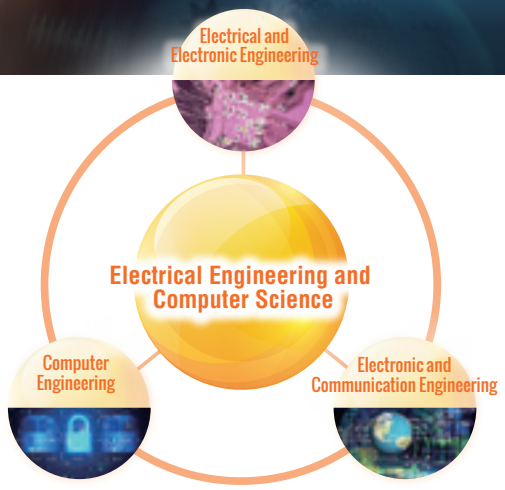
Studying in the IUP Civil Engineering course has been very pleasant. I had the opportunity to meet and learn from world-class researchers in different fields. The 1st year's KIKAN education courses help you develop communication skills, critical thinking and build up general knowledge. Then, the specialized courses give you the skills and knowledge necessary to become a cultured and forward-looking civil engineer. You will also get a lot of hands-on experience. There are laboratories offered in most, if not all research areas of civil engineering, so I am very excited to enroll in one for my last year of study.

Examples of Laboratories:

- Earthquake Engineering
- Concrete Engineering
- Ecological Engineering
- Urban System Planning
- Transportation System
- Landscape Engineering
- Structure Analysis
- Geo-Disaster Prevention

Electrical Engineering and Computer Science

In Electrical Engineering and Computer Science, a systematic program is provided to learn about electricity, electrical energy, electronics, communication, data science and computers. The program will guide you to be a highly skilled engineer or researcher to create new products and new services in wide industrial fields ranging from social infrastructure to cutting edge application of information.



Examples of Classes:

- Linear Circuits
- Logic Circuits
- Programming Methodology
- Programming Practice
- Computer Architecture
- Fundamentals of Integrated Circuits
- Electric Energy
- Practice in Logic Design

Message from a STUDENT

Abdul Berr
Pakistan
Enrolled in 2020

My experience at Kyushu University has been ideal. The EECS department has a vast array of fields of interest to look into. The best part is that you have the opportunity to familiarize yourself with different laboratories and researches through lab-tour courses from the very start, helping to inculcate and refine a keen interest of the field you want to choose. I believe that the practical learning of this course will be very helpful in shaping an analytical engineer for the modern industry. I chose this program so I can indulge in research experience aided by highly accomplished professors. I hope the coming years will be even more insightful.

Examples of Laboratories:

- Automatic Control
- Sensing Technologies
- Superconductivity
- Satellite Communication
- Artificial Intelligence
- Communication Network
- Data Science
- Cognitive Science

Mechanical and Aerospace Engineering

In Mechanical and Aerospace Engineering, future generations of technicians and researchers are nurtured in the culture of “monozukuri”, or innovation and manufacturing. Students gain a diverse knowledge of mechanical and aerospace engineering, essential for the development of cutting-edge technology such as automobiles, hydrogen energy, robots with AI, aircrafts and rockets, etc.

Examples of Classes:

- Strength of Materials
- Dynamics of Machinery
- Internal Combustion Engines
- Manufacturing Processes
- Computational Methods
- Machine Design
- Systems Control
- Aerospace Engineering

Message from a STUDENT

Minhaj Al Islam
Bangladesh
Enrolled in 2020

Japan has always been the pioneer in developing efficient mechanical systems. The aeronautics industry here is growing rapidly, which creates excellent opportunities for an aviation enthusiast like me. So far, my experience at Kyushu University has been great. The bachelor course has a well-organized curriculum that encompasses all the necessary advanced theoretical courses to help me understand the world of engineering better. I also got to become familiar with many of the excellent research laboratories that Kyushu University has during my first year and that will certainly help me plan better for my future years. I believe my undergraduate education at Kyushu University has been extremely helpful for me to equip myself with engineering skills and expertise. Kyushu University offers the opportunity to do extensive lab research in the 4th year and I am very much looking forward to that!

Examples of Laboratories:

- Hydrogen Utilization
- Manufacturing Process
- Machine Design
- Systems Control
- Thermal Engineering
- Aerospace Structure
- Space System Engineering
- Strength of Materials

Life Beyond the Class

There's more to a great higher education experience than lectures and experiments. Participating in various extracurricular activities leads to increased productivity in your studies and a better quality of life while living in Japan. We encourage our students to explore their interests and expand their knowledge as they join these extra-curricular activities.

Club Activities

Currently Kyushu University has well-over 170 clubs and societies allowing you to connect your passions with your campus experience. Joining a club on campus is a great way to meet new friends, develop new skills and broaden your horizon! They cover a variety of fields. Some of these clubs have come to be known outside Japan through their participation in international competitions.

Aikido, Kendo, Swimming, Soccer, Ice Hockey, Yacht, Horseback riding, Baseball, Debating, Photography,Hang-glider, Philharmonic Orchestra, Brass Band, Choir, and many more

Workshop "Sozo Kobo"

The "Sozo Kobo" workshop is a facility that provides you with the freedom and opportunity to exercise your ingenuity and express yourself, developing and manufacturing your own original ideas. This unique workshop environment not present at other universities is supported and managed by the school of Engineering and department of Mechanical Engineering. Currently the following 5 projects are under-way:

- **Robocon Team**
- **Kyushu Humanoid Project**
- **Wind Tunnel and Turbine Frontier**
- **Formula Project**
- **Planet-Q**

Student Voice

Catherine Helena Mulyadi

(Enrolled in 2019, Applied Chemistry)

Indonesia

During my study at Kyushu University, I am grateful to have experienced excellent education and an international atmosphere. Here, I get to meet people from various backgrounds and explore Japan thoroughly. Moreover, I can also join student activities such as volunteering and student circles. My volunteering activities are about sharing my culture with Japanese elementary schools, allowing me to improve my Japanese language proficiency. Meanwhile, my current circle is Garuda Beudhaya, an Indonesian traditional dance circle, that is part of the Indonesian Student Association based in Fukuoka. Indonesia is known for its cultural diversity, shown by the various traditional clothes, dances, and delicacies. Garuda Beudhaya represents saman dance where the performers dance in a sitting position. Sometimes, the dance team participates in competitions, cultural shows, and events.

room

Leadership and Volunteering

Kyushu University provides you with plenty of leadership and community engagement opportunities. Many IUP students work in the student association on and off campus and develop leadership and communication skills. Whether it is teaching about cultural diversity to elementary school students, cleaning up the environment or promoting tourism, they take part in various volunteer projects for the community.

- **IUP Students Union**
- **IUP Student Press Assistant**
- **Kyushu University Foreign Students Association**
- **Kyushu University International Friendship Association**
- **Fukuoka Overseas Students Association**

Here you can see the activities of KUFSA.

Language Exchange

Do you want to learn a new language and make new friends? Kyushu University SALC (Self-Access Learning Center) is offering various autonomous language learning opportunities outside the formal classes. In the Language Table Program, you can practice speaking a new language in a relaxed atmosphere once a week. In the Tandem Learning Program, you can improve your language skills and learn new culture as you meet your partner from a different background. This is a good place to make Japanese friends.

Kyushu University Library

Central Library

Located at the heart of Ito Campus, the Central Library is the flagship library of Kyushu University's five libraries. The library's vast space of approximately 20,000m^2 is well-equipped with many facilities including Active Learning Space and Maker Space, and offers various materials across disciplines. Among them, materials of humanities and social sciences that the University has accumulated over many years are centralized. This library is particularly popular with students during their KIKAN education studies.

About 3,500,000 Holding of books	About 1,400 Seats	19,279㎡ Total area

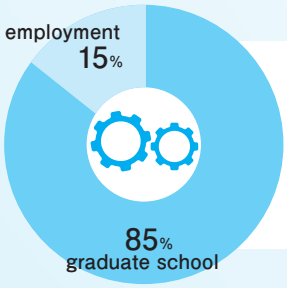
Science and Technology Library

Located in the West Zone, this library offers materials relating to mathematics, natural sciences, engineering, information science, and agriculture. It is equipped with an automated storage and retrieval system, which can hold up to 700,000 materials. In addition, the library has a wide range of learning spaces, including shared learning spaces "learning commons" and an "international lounge" with a collection of Japanese textbooks and books about Japan in English.

About 1,200,000 Holding of books	1,042 Seats	60 Computers

Launch your Future

After studying in our programs for 4 years, a variety of career paths are open to IUP graduates. Because Kyushu University is a research-led university, more than 80 percent of graduates proceed to a master's degree as part of the international graduate programs at Kyushu University or other prestigious universities, either in Japan or abroad. The remainder of our graduates pursue their professional careers in industry in Japan, abroad or in their home country.



Kyushu University, University of Tokyo, Kyoto University, University of Oxford, University College of London, Delft University of Technology, ISAE SUPAERO, EPFL (École polytechnique fédérale de Lausanne), RWTH Aachen University, Technical University of Munich, Warsaw University of Technology, Dartmouth College, Rochester University, Carnegie Mellon University, Indiana University, Tsinghua University, etc.

IUP Career Supports

There is also a range of career support available exclusively for IUP students.

- Share your Experiences (Internship Report Meeting)
- Career Seminars by Fukuoka International Student Support Center
- Career Seminars by Alumni

Kyushu University Job Hunting Support

While IUP Coordinators and the School of Engineering offer support for internships and job-hunting, students can also seek comprehensive support from Kyushu University's Student Support Center through individual career counselling services, on/off campus job-hunting events, career seminars, and employment information.

To learn more about our university's career support system for international students, please visit

IUP Alumni's Journey

Nga Phung (Class of 2015)

Postdoctoral Researcher, Eindhoven University of Technology
Currently living in the Netherlands

Vietnam

Biography

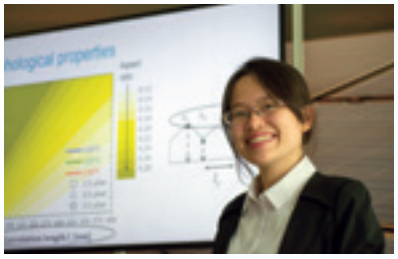
- 2015 B. Eng. Civil and Environmental Engineering, Kyushu University
- 2017 MSc with honour, Sustainable Energy Technology, Technische Universiteit Delft
- 2020 PhD, Material Science in Solar Energy, Universität Potsdam
- 2020 May- Sept. Postdoctoral Researcher, Helmholtz-Zentrum Berlin

Q1. What did you do after graduating from Kyushu University?

I moved to the Netherlands to do my master program in Sustainable Energy Technology at Delft University of Technology. Then afterwards, I did my PhD in Helmholtz-Zentrum Berlin (Germany) in Material Science for solar energy research. Currently, I'm working at Eindhoven University of Technology (The Netherlands) as a researcher on the same topic.

Q2. How did you choose your current career path?

Growing up, environmental issues have always been close to my heart. Hence, when I chose my bachelor program, I aimed to study environmental engineering. During my third year of bachelor's, I found the passion for the sustainable energy technologies, which, I strongly believe, are essential for a transition to a sustainable society from an intensive fossil fuel one. I chose to study the Solar Energy track at Delft University of Technology. My master's thesis was on the development of solar cells. Ever since, I have been immersed in material research for solar energy.



Q3. What is your most memorable experience from Kyushu University?

This is a difficult question because there are so many memories and great experiences at Kyushu University. If I need to pick one, I would choose the study trips to Ariake Sea. I did my bachelor thesis in the lab of Prof. Dr. Shinichiro Yano. One of his research directions at that point was to investigate the water quality of the area. I had an opportunity to join two field trips to collect samples. The beautiful landscape and the chance to experience living on a boat for 2 days enchanted me. Not only did I have a chance to know more about Ariake Sea, I could connect with other people in the same lab. One of the best moments was my first time seeing a wild dolphin!

Q4. What advice would you give to the current IUP students?

It's not always easy to know exactly what you want to do in the future, but it's okay. For me, even though I always thought I would do something relating to the environment, I didn't know what I would do until the end of my bachelor's degree. Finally, I defined my path during the 2 years in the Netherlands. Thus, you should experience as much as you can, find what you are good at and also what you enjoy doing, then you will know what would be a good choice for you. And of course, enjoy your university life!

IUP Alumni Association

In the summer of 2021, we held our very first International Alumni Networking Event for IUP students in the School of Agriculture and the School of Engineering. We established IUP's Alumni Association composed with 12 members of alumni and current students with the help of IUP coordinators of both schools.

Supporting You

We have a comprehensive support system for international students on and off campus available from the moment you arrive in Fukuoka. For example, a team of students who are assigned to each new student will support them in adjusting to life in Japan. English-speaking staff at the student office are always on stand by to help you with necessary documents and procedures. A specially-assigned coordinator and a class advisor will help you with any aspect of your campus life.

Student Supporters	English-speaking Counselors
Academic Supporters	English-speaking staff
Free Medical Consultation	Class Advisors
Coordinator	Research Supervisor

Housing

Both two of the dormitories on campus together with the two close to the campus are international dormitories where international students and Japanese students live together. Each room is fully-furnished with facilities to make your campus life safe and comfortable. IUP students are guaranteed a room for their first year. Even after that, students can receive assistance from the university in finding accommodation near the campus.

On Campus	**Dormitory 1** (252 13m² single rooms)	18,500 yen
	Dormitory 2 (241 17m² single rooms/20 43m² rooms for married couples)	25,500 yen
	Dormitory 3 (Shared rooms for 128 people/32 units of 4 people: 2 Japanese and 2 International Students)	25,500 yen
Off Campus	**Ito Harmony House** (17m² single rooms, largest dormitory for 581 students of a 1:1 ratio between Japanese and international student)	16,500 yen
	Settle International (Private-run international dormitory located near Ito Campus, 21.69m² single rooms, fully finished room including free wifi, optional meal service is available)	37,000 yen

Student Voice

Lin Yi Hsin
(Enrolled in 2019, Applied Chemistry)

Taiwan

I spent my first year in Dormitory III, where a flat shared by four people: two international students and two Japanese students. There were social events for the entire dormitory. The weekly Coffee Hour was the time that I was always looking forward to. People gather around in the common room, enjoying snacks while watching rugby games on TV together, playing board games, or just simply learning different languages from each other. There were also lots of parties throughout the year such as Summer barbeque, Halloween party, Christmas party, and so on. Many of the Japanese students in this dorm spoke good English so I wasn't struggling too much for language barrier. Instead, I was able to make a lot of friends from different backgrounds and created unforgettable memories together.

Financial Supports

IUP programs were launched as part of Kyushu University's Global 30 initiative with funding for students from the Japanese government. Although this project has finished, the University continues to offer a generous financial aid package (tuition fee waiver and various scholarships including MEXT scholarship) exclusively to our students.

Student Fees

	Enrollment Fee	Annual Tuition
1st year	282,000 JPY	~~535,800 JPY~~ 267,900 JPY
2nd year onwards	Annual Tuition	
	535,800 JPY	

International students in IUP programs are entitled to receive 50% exemption of tuition for the first year if they meet the necessary conditions.

Scholarship

	MEXT Scholarship	Kyushu University IUP Scholarship	JASSO Scholarship
Eligibility	Several successful admitted students	Up to 10 successful admitted applicants	Several successful admitted students
Duration	4 years	1 year *2	6 months
Monthly Allowance	117,000 JPY *1	60,000 JPY	48,000JPY

*1 Additionally enrollment fee, full tuition fee, a round-trip air tickets are covered.

*2 From the 2nd year onwards, a yearly academic progress review will be conducted for the selection of this scholarship's recipients.

Admission Flow

1 January · 2 February · 3 March · 4 April · 5 May · 6 June · 7 July · 8 August · 9 September · 10 October · 11 November · 12 December

- Apply Online (Submit application documents)
- Document Screening (Evaluation of submitted documents)
- Online Interview
- Admission/Scholarship Result
- Start your study at IUP (Orientations held in September)

For the latest admission information, please visit

Location

Websites

International Undergraduate Programs
https://iup.eng.agr.kyushu-u.ac.jp
For further information about our educational program

QUBES-Student Website
http://qubes.kyushu-u.ac.jp
For the updated information of our students' campus life

Contact Kyushu University School of Engineering
Address: 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan
Email: kotiupe@jimu.kyushu-u.ac.jp