KUAS
KYOTO UNIVERSITY of ADVANCED SCIENCE

FACULTY OF ENGINEERING

2021 Prospectus
Kyoto, Japan

Why Japan?

10 Facts About Japan

▶ **Population:**

126.5 million

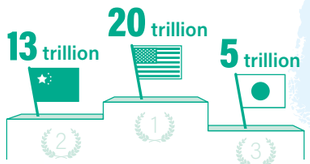
11TH in the world

▶ **Land area:**

380,000 km²

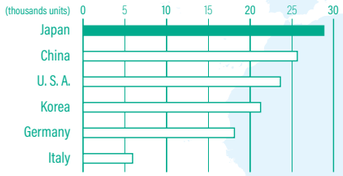
8TH in Asia

▶ **Gross national income: the 3rd highest in the world**



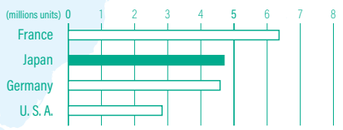
(Atlas method, 2018 World Bank) (PPP USD)

▶ **Industrial robots in operation: the largest number in the world**



(2015 International Federation of Robotics)

▶ **Automobile exports: the 2nd highest in the world**

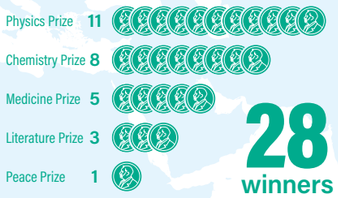


(2017 Japan Automobile Manufacturers Association)

▶ **OECD Employment Rate: 4th place globally** **4TH**

(2019 OECD report)

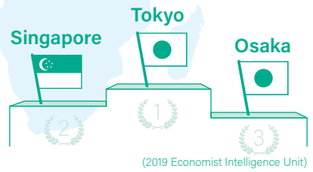
▶ **Number of Nobel laureates: 6th place globally**



28 winners

(2020 nobelprize.org)

▶ **Safe Cities Index: highest in the world**



(2019 Economist Intelligence Unit)

▶ **Life expectancy: the longest in the world** **1ST**

(2016 WHO report)

▶ **Global Competitiveness Index: 6th place globally** **6TH**

(2019 Global Competitiveness Index)

Japan, a mountainous island country located in the northwest Pacific Ocean off the East Coast of the Asian Continent, is one of the safest and most urbanized countries in the world. Surrounded by the sea and brimming with natural beauty, Japan is an economic powerhouse where the natural beauty of each season coexists with modern technology.

Japan has made significant contributions to contemporary science and technology, notably in the field of robotics, nanotechnology, and medical science. Japan's primary industries are automobiles, consumer electronics, and computers, making Japan a great place to learn engineering.

Culturally, Japan is renowned around the world for its popular culture, particularly its manga, animation and video games. Japan is also home to many world-famous cuisines.

With 24-hour convenience stores, punctual public transportation, and an excellent healthcare system, international students will discover that Japan is an incredibly comfortable place to live and study.

Why Kyoto?

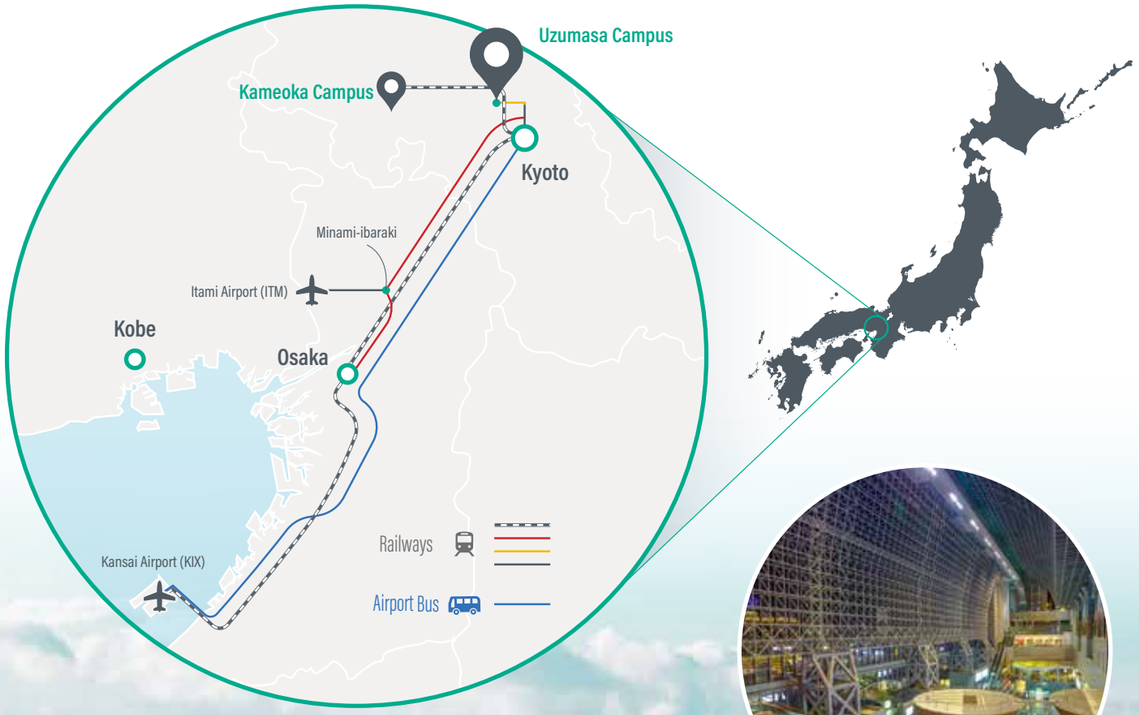
Kyoto is...

Located on the main island of Japan, Kyoto was the capital of Japan for more than 1,000 years of its 1,200-year history. Today, that beautifully preserved culture coexists alongside a vibrant student community and a unique technology industry that has grown up between the thousands of shrines and temples that dot the city.

Motors, robots, video games, and health care equipment are just a few of the products that Kyoto now produces alongside lacquerware, tea and silk kimono.

At KUAS, we seek to master the knowledge of the past and the technologies of today to nurture our students into diverse, world-class citizens and engineers.

Geographically speaking, Kyoto City is the perfect size if you want to go to school in a city. The entire city is accessible by bicycle, and the price of living is more affordable than nearly all other major cities in Asia. On the other hand, Kansai Airport is only a short bus ride away, making it a comfortable and accessible place for international students to live.



JR Kyoto station

▶ Historical

Kyoto is home to 17 World Heritage Sites, over thousands of Buddhist temples and Shinto shrines.
Over 50 million international tourists visit Kyoto every year.

▶ Livable

Kyoto has four distinct seasons and a pleasant climate all year round

▶ Sustainable

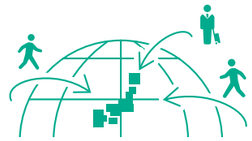
Kyoto was ranked #1 for sustainability on the 2019 National Urban Sustainable Development Goals (SDGs) Progress Survey

▶ Student-oriented

Out of all of Japan's 47 major cities, Kyoto has the highest population ratio of students

▶ International

Kyoto is home to 9,000 international students and 20,000 international employees



▶ Cultured

Kyoto is a cultural center with a wide range of activities from traditional arts to the latest animation


Kamogawa river: the riverbanks are popular walking spots for residents and tourists

▶ Industrial

Kyoto is a hub of world-famous high-tech industries. The headquarters of the world's leading game company, motor company and electronic component manufacturers are located in Kyoto.

▶ Academic

Kyoto hosts more than 40 university campuses, each offering a wide selection of majors to choose from

Why KUAS?

Kyoto University of Advanced Science (KUAS) is an accredited four-year private university which was founded in 1969 in Kameoka City in the west of Kyoto Prefecture. In addition to this, KUAS has recently established a new campus in Uzumasa, Kyoto City. In 2019, to commemorate its 50th anniversary, the university was given a new name.

Furthermore, in April of 2020, KUAS established the Faculty of Engineering where students can learn the most advanced technologies through a practical study program. At KUAS' Faculty of Engineering, students will be able to study a wide range of engineering fields and prepare themselves to compete on the global stage.

The kind of human resources who will create the innovations of the future are in high demand all over the world. KUAS will provide its students a professional and practical education to help them grow into leaders of innovation and ensure that they are capable of taking on the diverse challenges that society faces.

KUAS in Numbers

The KUAS Faculty of Engineering officially opened in April of 2020 with a brand new faculty building.

KUAS hosts the first multidisciplinary all-English Faculty of Engineering in Japan.

35% of the professors in the KUAS Faculty of Engineering are from overseas, and KUAS has set a goal to acquire 50% of its students from abroad.

With the addition of our new Faculty of Engineering, KUAS was reborn into an active contributor to essential academic and economic fields. All five faculties will play key roles in addressing the current and future needs of society.

What is KUAS Engineering?

Be a Street-Smart Global Engineer

- **Department of Mechanical and Electrical System Engineering** . . Bachelor's Program 4 years
- **Division of Mechanical and Electrical System Engineering** . . . . . Master's Program 2 years, Doctoral Program 3 years

Kyoto University of Advanced Science (KUAS) features an engineering program with close ties to the manufacturing industry in a country that is globally acclaimed for its engineering ingenuity. The KUAS Faculty of Engineering represents an all-new, all-English model for engineering education in Japan.

The Faculty of Engineering was established in April 2020 with a team of internationally distinguished faculty members and active professional engineers. Focused on the technology that will help shape our future—electric vehicles, drones, robots, AI, machinery, motor-related solutions, power generation systems, and much more—KUAS is now welcoming the world's next generation of engineers to Kyoto.

To create state-of-the-art technology, it is essential to provide state-of-the-art education. That is why the ultimate goal of KUAS' engineering program is to provide students with the immediately applicable real-world skills that will allow them to excel in the modern world of engineering.

From an engineer's perspective, Kyoto provides a uniquely stimulating environment for building a career. Kyoto is known as a city of industry where globally top-performing mechanical and electronics companies keep their headquarters. Specializing in the fields of mechanical, electrical, and mechatronics technology, the KUAS Faculty of Engineering offers an outside-in approach that considers the current trends of the industry, allowing students the opportunity to work with real engineers in Kyoto's full-fledged manufacturing industry.

At KUAS, Faculty of Engineering students engage with real companies and explore a landscape of career opportunities available in Japan and beyond before they even graduate. Meanwhile, KUAS ensures that this industry involvement allows students to springboard into exciting careers after graduation. This is possible because of the many world-leading engineering firms based in Kyoto.

Prof. Osamu Tabata

Dean of Faculty of Engineering

Dean's message

Currently the world is facing a Coronavirus pandemic crisis and many people are suffering from the effects of COVID-19. Despite this challenging situation, I am very proud that our new Faculty of Engineering at Kyoto University of Advanced Science (KUAS) launched on April 2020 with a diverse faculty from all over the world and a brand-new building with state-of-the-art facilities. We believe that we are a trail-blazing institution in Japan, offering an all-English, student-centered engineering program with an innovative educational approach that focuses on acquiring real-world skills. We are therefore in an unprecedented position to challenge the best the world has to offer.

Since COVID-19 changed the world, we need to find a new lifestyle and the importance of innovation is more important than ever before. I believe the role of engineering in these times is becoming increasingly important — it is connected to everything, including pharmaceuticals, bioindustry, medical manufacturing, health care, communications, agriculture, and so on. Via remote learning, our first batch of students began their studies toward their future as Street-Smart Global Engineers who can contribute to the world through their creativeness and leadership. We are looking forward to seeing you at the Faculty of Engineering of KUAS in 2021!

4 Pillars

1 All-English

KUAS offers a trailblazing engineering program located within Japan but taught entirely in English.

2 Intensive Japanese language courses

KUAS provides all international students with intensive Japanese language courses to broaden their future career paths at no additional cost.

3 A strong, practical program

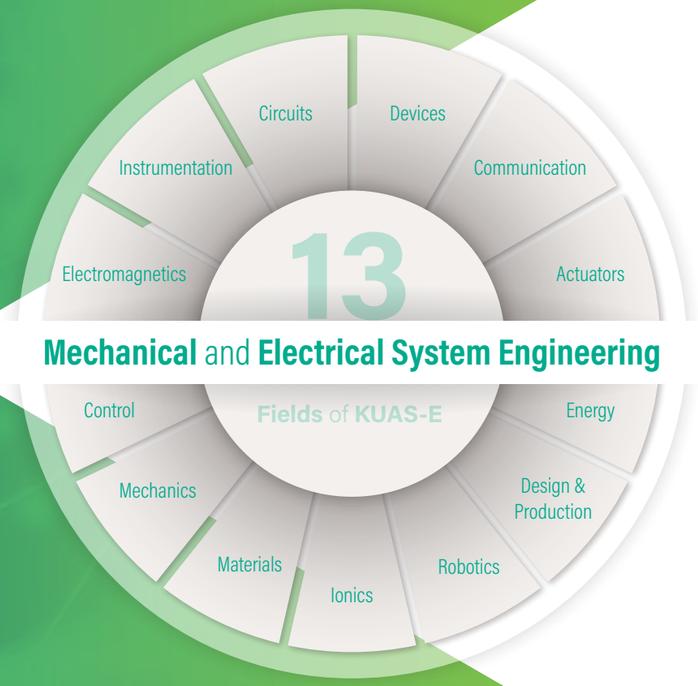
KUAS offers multidisciplinary engineering courses, team-based projects, and capstone programs that uniquely prepare students for success in real-world industries.

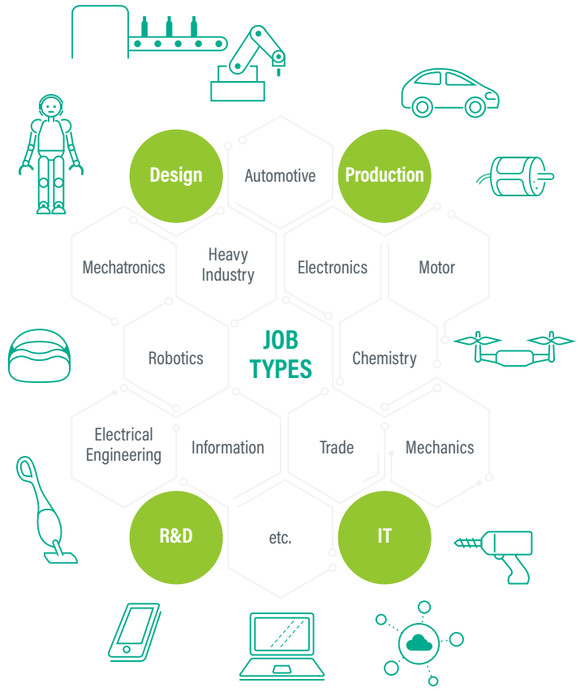
4 Exceptional career opportunities

KUAS provides exceptional career support for students seeking careers both in Japan and internationally by utilizing its strong industry ties and professional advisors.

Multidisciplinary × Synthesis

KUAS' Faculty of Engineering offers a high degree of flexibility in specialization so that students can have exposure to a wide range of knowledge and gain expertise in the various sub-fields necessary for professionally balanced engineers. With this systematic, multidisciplinary program that crosses 13 fields, students can acquire collaboration skills, practical problem-solving skills and a global perspective.





Curriculum

for Undergraduate Program

- GREEN = mandatory subjects
- GREY = electives

		1st semester	Term break (Feb & Mar)	2nd semester	Term break (Aug & Sep)	3rd semester	Term break (Feb & Mar)	4th semester	5th semester	6th semester	7th semester	8th semester
University Common Core Courses	Liberal Arts Studies					• Liberal Arts Studies		• Liberal Arts Studies	• Liberal Arts Studies			
	General Civics & Social Studies					• General Civics & Social Studies		• General Civics & Social Studies	• General Civics & Social Studies			
	Japanese Course	• Intro to Characters and Vocabulary I • Intro to Oral Communication I • Intro to Reading • Intro to Writing I • Intro to Grammar I	• Intro to Letters and VocabularyII • Intro to Oral Communication II • Intro to Reading II • Intro to Writing II • Intro to Grammar II	• Adv. Characters and Vocabulary • Adv. Oral Communication • Adv. Reading	• Adv. Reading II • Adv. Writing	• Comprehensive Japanese • Business Japanese I • Newspaper Reading Practice	• Comprehensive JapaneseII • Business JapaneseII • Thesis Reading					
	Startup Course	• Startup Seminar		• Startup Seminar								
	Career Education Course		• Internships			• Career Design						
	Sports Course	• Sports and Life skills		• Sports and Life skills		• Sports and Life skills						• Sports and Life skills
Engineering Specialized Courses	Specialized-Common Course	• Introduction to Mechatronics Engineering • Engineering Physics 1 • Exercise 1 • Calculus and Linear Algebra 1 • Exercise 1 • Information Literacy		• Engineering Physics 2 • Exercise 2 • Calculus and Linear Algebra 2 • Exercise 2 • Algorithmic Thinking and Programming with Python • Exercise		• Ordinary Differential Equations • Exercise • Introduction to C Programming • Exercise		• Vector Calculus • Exercise • System Programming with C • Exercise	• Fourier Analysis and Partial Differential Equations • Exercises • Digital Signal Processing • Exercise	• Complex Analysis, Probability and Statistics • Exercises	• Intellectual Property	
	Specialized Courses			• Fundamental Mechanics • Exercise		• Mechanics of Materials • Exercise • Electromagnetic Theory • Exercise • Fundamentals of Electrical Motors		• Machine Design • Exercise • Intro to Mechanisms and Mobile Robots • Classical Control Engineering • Introduction to Physical Chemistry • Exercise • Control principles of Electrical Motors • Semiconductor Engineering • Electric Circuits	• Introduction to Production Engineering • Introduction to Robotic Manipulators • Introduction to Scientific Measurement • Modern Control Engineering • Introduction to Electrochemistry • Power Electronics Engineering • Analog Electronic Circuits	• Introduction to Sensors • Digital Control Engineering • Introduction to Battery Engineering • Actuator Systems • Electric Power Transmission and Distribution • Logic Circuits • Introduction to Communication Engineering	• Electric Power Generation and Transformation • Introduction to Information Engineering	
	Experiments & Laboratories			• Introduction to Design		• Exercise for Machine Shop Practice		• Mechatronics Laboratory (Basic Robotics)	• Mechatronics Laboratory (Energy)	• Mechatronics Laboratory (Advanced Robotics)		
	Comprehensive Exercise							• Pre-Capstone Project 1	• Pre-Capstone Project 2	• Capstone Project 1 • Laboratory Project 1	• Capstone Project 2 • Laboratory Project 2	

*Exact curriculum and course name subject to change

Course Models

Electric Vehicles

Specialized Course

- Electromagnetic Theory
- Electromagnetic Theory Exercise
- Fundamentals of Electric Motors
- Control Principles of Electrical Motors
- Introduction to Electrochemistry
- Introduction to Battery Engineering
- Semiconductor Engineering
- Power Electronics Engineering
- Actuator Systems
- Electric Circuits
- Analog Electronic Circuits
- Introduction to Sensors
- Introduction to Scientific Measurement
- Electric Power Transmission and Distribution

Experiment & Practice

- Exercise for Machine Shop Practice
- Mechatronics Laboratory (Basic Robotics)
- Mechatronics Laboratory (Energy)

Comprehensive Exercise

- Pre-Capstone Project 1&2
- Capstone Project 1&2

Robotics

Specialized Course

- Introduction to C Programming
- Introduction to C Programming Exercise
- Logic Circuits
- Introduction to Mechanisms and Mobile Robots
- Introduction to Robotic Manipulators
- Introduction to Scientific Measurement
- Digital Control Engineering
- Classical Control
- Modern Control Engineering
- Introduction to Sensors
- Analog Electronic Circuits
- Actuator Systems
- Electric Circuits
- Fundamentals of Electric Motors

Experiment & Practice

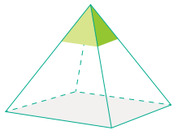
- Exercise for Machine Shop Practice
- Mechatronics Laboratory (Basic Robotics)
- Mechatronics Laboratory (Advanced Robotics)

Comprehensive Exercise

- Pre-Capstone Project 1&2
- Capstone Project 1&2

Practical × Creative

What's a Capstone Project?



A "capstone" is the last stone placed on the top of a pyramid. KUAS provides capstone projects to engineering students from their 4th to 7th semesters to complete their programs. These unique projects aim to tackle the industrial challenges which companies face in real society. The industry experience earned through these projects allow students to learn what kinds of social issues they can solve by applying the skills and knowledge they have obtained in the classroom. A capstone project is the first step towards a career as a street-smart global engineer.

4th & 5th semesters

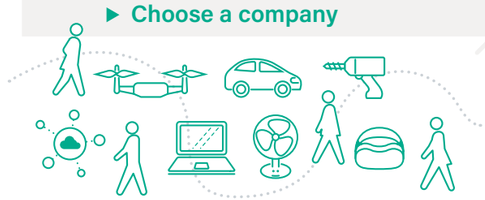
Pre-capstone

Students attempt a pre-capstone project as an introduction

6th & 7th semesters

Capstone

▶ Choose a company



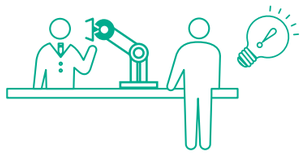
KUAS has partnered with more than 50 companies to provide our students with challenges. Students can choose the challenge they want to take on from companies like machinery manufacturers, electrical equipment manufacturers, semiconductor equipment manufacturers, and more.

▶ Get out in the field

"The key to the solution is in the field!"

Visit companies and learn about the background of the problem they are facing. Then, craft a plan to reach the finish line with your team mates.

▶ Analyze and prototype

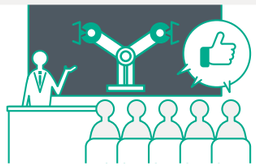


Modern manufacturing is a combination of complex technologies. A variety of ideas and creative innovation are needed to accomplish goals. Discuss your solution with lecturers and corporate engineers and create prototypes in our workshop.

▶ Improve

Refining an idea from multiple perspectives is key. Students will need to procure materials and parts as well as inspect deliveries. Processing, assembly, preliminary testing, main testing, data collection, data analysis, result analysis, and summarizing are all tasks that students will need to master.

▶ Propose



After lots of discussion, analysis and modifications, you will complete your project by delivering a proposal to professionals at a real company. If your proposal is accepted, it may be adopted into an actual product!

Feature

1 Understand the abilities and knowledge you need to acquire

2 Improve your analytical and problem-solving abilities

3 Improve your teamwork and communication skills

Library

Teaching Laboratory

Machine Workshop

Electronic Workshop

Facilities

The new South Engineering Building on Uzumasa Campus was constructed to coincide with the establishment of our new Faculty of Engineering in 2020.

The South Engineering Building is five stories tall and one story underground, and is located adjacent to our new international student dormitory.

The machine workshop, which can process all kinds of materials from metals to resins using the latest machines and tools, is available to students 24 hours a day. The electrical and electronic workshop is equipped with mechatronics equipment and a circuit production environment. There is also a large library that is ideal for self-study as well as group discussions. Furthermore, open-layout learning commons designed to encourage communication among students are available on almost every floor. These and many other state-of-the-art facilities function as a training space for our engineers across research areas, backgrounds, and nationalities.

Expertise × Research

Dr. Osamu Tabata

MEMS, NEMS, DNA Nanotechnology

Dr. Alberto Castellazzi

Power Electronics, Power Semiconductor Devices, Packaging, Thermal Management

Dr. Fuat Kucuk

Electrical Engineering, Electrical Machines, Power Electronic Circuits, Renewable Energy Conversion, Electric Vehicles

Dr. Hiroaki Fukushima

Control Engineering, Robotics

Dr. Hiroshi Kawakami

System Design, Systems Engineering, Mechanical Engineering

Dr. Ian Piumarta

Meta-programming, Reconfigurable Systems, Embedded and IoT Technologies

Dr. Ippei Kishida

Computational Materials Science, Battery Engineering, Ionics

Dr. Kazuo Oki

Remote Sensing, Drone Measurement, Sustainable Watershed Management

Dr. Koichi Nakamura

Quantum materials science, Theory of Electronic States, Nanomaterials

Dr. Martin Sera

Mathematics, Complex Analysis, Complex Geometry

Dr. Masayuki Nishi

Inorganic Material Chemistry, Nanomaterials, Synthesis and Processing, Optical Materials, Glasses, Ceramics

Dr. Ryo Takahashi

Electrical Engineering, Information and Communication Engineering, Statistical Physics

Dr. Ryosuke Matsumoto

Solid Mechanics, Computational Mechanics, Strength and Fracture of Materials, Atomic Simulation

Dr. Salem Ibrahim Salem

Remote Sensing, Water Resources and Environment, Water Quality, Deep Learning, Data Simulation, Voice Recognition

Dr. Shigeru Horii

Materials Science, Solid-state Physics

Dr. Tadayuki Imai

Optoelectronic Devices, Optical Crystals, Dielectrics, Holography

Dr. Takahiro Namazu

Nanomechanics, Nanotechnology, Functional Materials

Dr. Yoshihiro Sato

Robotics, Computer Vision, VR/MR

Dr. Zilu Liang

Pervasive Computing, Wearable Computing, Personal Informatics, Digital Health

Dr. Hirotsugu Matoba

Mechanical Engineering, Production Engineering

Dr. Sajid Nisar

Robotics, Mechanism Design, Haptics, Flexible Manipulators

Graduate School of Engineering

The Kyoto University of Advanced Science Graduate School of Engineering seeks to the rapid structural reforms of society and industry head-on. At KUAS, our faculty and staff seek to nurture engineers with superior skills and knowledge so that they can become the next century's leaders in science and technology.

All graduate engineering students at KUAS belong to a research laboratory and learn in an "on-the-job" environment under globally active professors and industry professionals. This method, matched with cutting edged facilities, is ideal for developing students into specialists in fields including power control systems, devices, motors, and more.

Master's Program:

Students can gain advanced knowledge and expertise in areas such as electrical, electronic, mechanical, and electrochemical engineering, all of which are indispensable to future professionals working in electromechanical fields.

Doctoral Program:

Students will acquire greater competency in developing their problem-solving skills based on a variety of academic trends and demands from society while also gaining a sophisticated understanding of and expertise in the field of electromechanical systems.

The KUAS engineering graduate programs aim to transcend conventional methods and transition to a comprehensive approach where students establish new systems and concepts based on multiple truths from different academic disciplines. At KUAS, it is our mission to nurture these comprehensive thinkers and enable them to create new technology platforms for decades to come.

Curriculum

for Master's Program

Courses		Credits
Scientific English		4
Specialized	Basic	8+
	Advanced	6+
Research (incl. Exercise)		16
Total:		**34+**

- GREEN = mandatory subjects
- GREY = electives

		1st semester	2nd semester	3rd semester	4th semester
Language	Sci. English	• Scientific English	• Scientific English		
Basic specialized courses		• Adv. Mechanical Electrical System Engineering	• Adv. Mechanical Electrical System Engineering		
	Materials	• MEMS Technology and Materials	• Physics and Chemistry of Electronic Materials		
	Energy	• Wind Power Technology			
	Information		• Computer Math for Graduate Engineers		
	System		• Advanced Robotics		
Advanced specialized courses	Materials				• Advanced Computational Materials Science
	Energy			• Computer-Aided Design of Semiconductor Power Devices & Modules	• Enabling Tech. of Solid-State Power Conversion
	Information			• Scripting Language and Virtual Machine	
	System			• Remote Sensing	• Theory of System Design
Research	Exercises	• Advanced Exercise	• Advanced Exercise	• Advanced Exercise	• Advanced Exercise
	Research	• Advanced Research	• Advanced Research	• Advanced Research	• Advanced Research

* Exact curriculum and course name subject to change

Research Highlights

"Research on smart motor technology to contribute to the global environment"

Electric machines play overwhelming roles in energy conversion process, from milliwatt scale to megawatt scale. According to the authorities, almost 50% of the global electricity is consumed by electric motors. Developing new generation electric machines that have higher efficiency and higher power density is extremely important for recent technology. For example, increasing the range of an Electric Vehicle, generating more power with a Wind Turbine or increasing the useful load capacity of a drone can be achieved with these features. Dr. Kucuk has been currently researching on smart electric motor technology for increasing the role of electric motors in transportation and contributing to global environment.

Dr. Fuat Kucuk

"Supporting Agriculture with UAV Measurement Technology"

Dr. Oki is developing systems that utilize accurate measurement technology to manage tasks and take actions on behalf of humans. UAVs are unmanned aerial vehicles that can fly in close to observe the health of crops. These "drones," equipped with visible-light cameras, near-infrared cameras, and thermal-infrared camera, make it possible to observe crop growth-rate and weather impacts on harvest seasons, anytime and anywhere. It is hoped that these technologies will encourage less experienced people to participate in agriculture and create systems to revitalize the abandoned farmlands that dot Japan. These measurement technologies can also be applied toward pest bird control and the measurement of the effects of wild animals on natural vegetation.

Dr. Kazuo Oki

Student Life

KUAS Life

KUAS is located on two campuses: the new Uzumasa campus, which is easy to commute to from Kyoto City, and the vast Kameoka campus, which is located in the mountains of western Kyoto Prefecture. Uzumasa campus hosts KUAS' new, high-tech Engineering Building alongside an International Student Dormitory, two libraries, a bookstore, and more. Meanwhile, the Kameoka campus houses many sporting facilities such as tennis courts, a gym, and a baseball field. Both campuses feature convenience stores and cafeterias with lots of healthy, affordable meals.

All students are free to travel between campuses to study, socialize, exercise, and participate extracurricular activities.

Main Club Activities

- Archery
- American Football
- Karate
- Kyudo
- Cricket
- Kendo
- Baseball
- Soccer
- Judo
- Powerlifting
- Table Tennis
- Rugby
- Film Society
- Tea Ceremony Society
- Brass Band
- Manga Society

Fees

Monthly living expenses sample		
Accommodation (off-campus)	60,000 JPY	(545 USD)
Food	35,000 JPY	(319 USD)
Personal expenses*	15,000 JPY	(136 USD)
Total	110,000 JPY	(1,000 USD)

* Excluding book expenses for classes.
* US dollar equivalents are for reference only.

(1 USD = 110 JPY)

Student Support

KUAS has an extensive support system to assist our students with job hunting. Kyoto provides a stimulating, unique environment for building a career, and we embrace the presence of globally top-performing mechanical and electronics companies headquartered in Kyoto. With this in mind, KUAS' career support and internship teams will assist our engineering students in connecting with these industries and inspire them to explore the great career opportunities available in Japan. Students may also participate in overseas internship programs or seek jobs abroad.

Besides job hunting, our international office helps to provide a pathway for students who would like to try studying abroad with one of our partner universities from around the world. The International Office provides a wide range of support for international students, including housing, visa assistance, and scholarships.

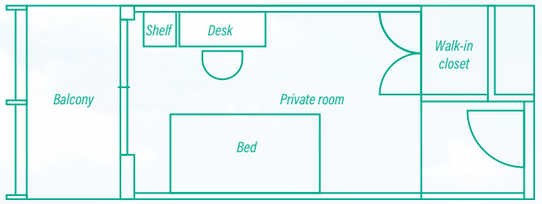
Dormitory

The International Student Dormitory is located on Uzumasa Campus, right next to the South Engineering building, making it very convenient for students. Each room is fully furnished, making it easy for students to begin their lives in Kyoto. Each floor features a common lounge space where students can socialize. Residents of the dormitory hail from many different countries, allowing students to deepen their understanding of diverse cultures and values.

Dormitory fees	
Key money*	20,000 JPY (182 USD)
Room rent	62,000 JPY (564 USD) /month
Bedding fee	1,650 JPY (15 USD) /month

(1 USD = 110 JPY)

* Key Money includes maintenance costs for the shared areas of the dormitory and room cleaning costs after residents move out.
* Room rent includes weekday breakfast and dinner, internet access.
* US dollar equivalents are for reference only.



Course fees

	1st year					2nd year	3rd year	4th year
	Admission fee	Tuition	Association fees	Insurance fee	Total			
Bachelor's Program	260,000 JPY (2,364 USD)	1,340,000 JPY (12,182 USD)	49,500 JPY (450 USD)	4,910 JPY (45 USD)	1,654,410 JPY (15,040 USD)	1,476,500 JPY (13,422 USD)	1,476,500 JPY (13,422 USD)	1,501,500 JPY (13,650 USD)
Master's Program	200,000 JPY (1,819 USD)	1,000,000 JPY (9,091 USD)	–	2,640 JPY (24 USD)	1,202,640 JPY (10,933 USD)	1,000,000 JPY (9,091 USD)	–	–
Doctoral Program	200,000 JPY (1,819 USD)	1,000,000 JPY (9,091 USD)	–	3,770 JPY (34 USD)	1,203,770 JPY (10,943 USD)	1,000,000 JPY (9,091 USD)	1,000,000 JPY (9,091 USD)	–

* All prices are subject to change without prior notice due to currency fluctuation, etc. * Tuition includes facility and laboratory fees.
* For undergraduate students, the laboratory fee increases from the second year. An alumni association fee is required in the fourth year.
* US dollar equivalents are for reference only.

(1 USD = 110 JPY)

Scholarships

Applicants who wish to request a scholarship are required to indicate such on their application form when applying to KUAS. This scholarship is made available for students who demonstrate high performance in academic fields. Qualified students will undergo a performance review each semester. Students who fail to meet the basic requirements will be withdrawn from the scholarship program.

Super KUAS-E Scholarship	KUAS-E Scholarship*		
	I	II	III
Stipend (for personal expenses) 1,200,000 JPY/year (10,909 USD/year) + Tuition exemption 100% + Admission fee exemption 100%	Tuition reduction 100% + Admission fee reduction 100%	Tuition reduction 50% + Admission fee reduction 50%	Tuition reduction 30% + Admission fee reduction 30%

* Doctoral Program students may only receive the type I KUAS-E Scholarship.
* US dollar equivalents are for reference only.

(1 USD = 110 JPY)

Admission Schedule

Online applications accepted
Online Interviews
Offers released
Final Offer Acceptance Deadline
Prior Supervisor consent request

Undergraduate Program — Enrollment: early September, 2021 — Application fee: 5,000 JPY

	2020				2021				
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Early Entry		Oct 1st to 30th	Mid-Nov	Dec 4th	Dec 25th				
Regular Entry				Dec 1st to Jan 8th	Mid-Jan to early Feb	Feb 19th	Mar 12th		
Final Entry						Feb 8th to Mar 14th	Mid-Mar to late-Mar	Apr 16th	May 6th

* At KUAS, we value each applicant's passion, enthusiasm, and independent thinking.
In order to learn more about applicants, we may ask you to sit an online interview with us so that we may confirm the contents of your application.

Graduate Program — Enrollment: early September, 2021 — Application fee: 5,000 JPY

	2020				2021				
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Early Entry	Sep 1st to Sep 30th	Oct 1st to 31st		Mid-Nov to mid-Dec	Dec 23rd	Jan 31th			
Regular Entry				Dec 1st to Jan 17th	Jan 18st to Feb 26th		Mar	Apr 12th	May 6th

* All applicants must obtain prior consent from their prospective supervisors before submitting their application.
This is to ensure that students can receive proper supervision for their desired research topic during their study at KUAS.

▶ For more information, please download the guidelines from KUAS official website: www.kuas.ac.jp/en/downloads

Q&A

Admission

Q. Do I need Japanese language skills at the time of my application?

A. No. All engineering courses at KUAS are taught in English, so you do not need to know Japanese before you enroll. After admission, international students take Japanese language classes to improve their Japanese fluency.

Q. Do I need to provide proof of my English language ability when I apply?

A. Yes. If English is not your native language, you will need to demonstrate your English abilities by providing your TOEFL iBT (80), IELTS (6.0), PTE (50) or Duolingo English Test (105) score certificate.

Living in Kyoto

Q. Are there any housing options other than the on-campus dormitory?

A. Yes. Kyoto is famous for being a college town, and there are many apartments, shared houses and boarding houses to choose from outside of campus. If you do not wish to live on campus, you will need to find a place to live through a real estate agency, etc. KUAS will help you connect with these agencies.

Q. Can I have a part-time job in Japan?

A. Yes. If you apply for and receive "permission to engage in activity other than that permitted under the status of residence previously granted" from the Immigration Bureau, you can work part-time at convenience stores, restaurants, etc. Working hours are limited to a total of 28 hours per week and 8 hours per day during long vacations, such as summer vacation. Please refer to the Japanese Immigration Bureau's home page for more details.

Visa Support

Q. Do you offer visa support?

A. Yes. The KUAS International Admissions Office will help you to acquire a COE (Certificate of Eligibility), which you can then take to the Japanese embassy or embassy in your country to apply for a visa.

Obtaining Prior Consent from a Supervisor

Q. I don't know how to get prior consent from my supervisor.

A. Before applying, graduate school applicants are required to submit their CV and research proposal to the faculty member of their choice via our online application portal (TAO). If the faculty member agrees to supervise the applicant's research, the applicant may then begin their application. See the Application Guidelines on our website for more information.

Related Faculties

Faculty	Economics & Business Administration	Humanities	Bioenvironmental Science	Health & Medical Sciences
Course of Study	• Department of Economics • Department of Business Administration	• Department of Psychology • Department of History and Cultural Studies	• Department of Bioscience and Biotechnology • Department of Bioenvironmental Design • Department of Agriculture and Food Technology	• Department of Nursing • Department of Speech and Hearing Sciences and Disorders • Department of Health and Sports Sciences
Graduate Program	• Graduate School of Economics • Graduate School of Business Administration	• Graduate School of Human Culture	• Graduate School of Bioenvironmental Science	
Campus	[√] UZUMASA [ ] KAMEOKA	[√] UZUMASA [ ] KAMEOKA	[ ] UZUMASA [√] KAMEOKA	[√] UZUMASA [√] KAMEOKA

* These programs are taught in Japanese. International students will need Japanese ability equivalent to JLPT N2 level or above.

Contact us

#kuaseng

KUASeng2020

https://www.kuas.ac.jp/en/

Kyoto University of Advanced Science International Admissions Office

Tel. +81 (0)75-496-6221

Mail. engdepten@kuas.ac.jp

Location of KUAS

Kyoto University of Advanced Science

- [x] **Uzumasa Campus** Location of Engineering building
  18 Yamanouchi Gotanda-cho, Ukyo-ku, Kyoto 615-8577, Japan
- [ ] **Kameoka Campus**
  1-1 Nanjo Otani, Sogabe-cho, Kameoka, Kyoto 621-8555, Japan

Train and bus routes in Kyoto