

JDS Myanmar 2020

**Sub-Program3. Assistance for Development of Infrastructure and Related Systems
Necessary for Sustainable Economic Development
Component 3-3 Electric Power / Energy**

Kanazawa University (National)

Graduate School of Natural Science and Technology

◆ **Program name**

Environmental and Energy Technologies International Course

◆ **Degrees:**

- a. Master of Engineering
- b. Master of Philosophy

◆ **Credit and years needed for graduation:**

33 credits, 2 years

◆ **Address:**

Kakuma-machi, Kanazawa, Ishikawa 920-1192 Japan

Features of University

As the leading university on the Sea of Japan coast, Kanazawa University has contributed greatly to Japanese higher education and academic research since it was founded in 1949.

One of the University's charms lies in being able to study in Kanazawa, a city rich in history and traditional culture. Kanazawa has cultivated a respected intellectual profile since the time of the Kaga fiefdom (1598 – 1867). Lively interaction among students, communication with staff, and the local community make it the perfect venue for students' personal growth and development.

It is widely held that the 21st century will be the age of the "knowledge-based society," and that new knowledge, information and technology will rapidly become the basis for activities in each and every area of society. At Kanazawa University, strategies and objectives incorporating the university's strengths and specializations in this area are clearly defined and put into practice.

【Kanazawa University Data : As of May 1, 2019】

● **The origin of Kanazawa University**

Hikoso Vaccination Center was established in 1862.

Kanazawa University was founded in 1949 under its current university system.

● **The Number of staff : 2,828**

-Executives: 9 - Teaching Staff : 1,309 - Administrative Staff : 435 -Technical Staff : 1,075

● **Our university has 3 colleges, 7 graduate schools, and others.**

3 colleges, etc.

- College of Human and Social Sciences
- College of Science and Engineering
- College of Medical, Pharmaceutical and Health Sciences
- School of General Education

7 graduate schools

Graduate School of Human and Socio-Environmental Studies
Graduate School of Natural Science and Technology
Graduate School of Medical Sciences
Graduate School of Advanced Preventive Medical Sciences
Graduate School of Frontier Science Initiative
Law School
Graduate School of Professional Development in Teacher Education

Others

University Hospital, University Institutes, etc.

【Education】

- The number of students: 10,139 in total
 - Undergraduate: 7,802 -Graduate (Master's course): 1,246 -Graduate (Doctoral course): 1,002
 - Professional Degree Course: 57 -Undergraduate Training Course for School Nurses: 32
- New students: 1,775 About 47% from 3 Hokuriku Prefectures
- Graduates: 1,805, Total: 93,063 About 29% of graduates from bachelor's program continue on to graduate school
- Library Holdings : 1.91 million Number of Titles Electronic Journals : 9,916

【Research】

- The number of Journals: 10,697 (January 1, 2009 ~ February 28, 2019)
- Journal Citations: Cited 141,429 times (January 1, 2009 ~ February 28, 2019)
 - 18th in Japan, 871st in World -Field of Pharmacology & Toxicology 6th in Japan, Field of Neuroscience & Behavior 9th in Japan
- Grants-in-Aid for Scientific Research (in academic year 2018)
The number of Grants: 910, Grant Amount: 2,312 million Yen
- Grant from Outside the University (in academic year 2018)
 - The number of Joint Researches: 312 (Amount Accepted: 542 million Yen)
 - The number of Commissioned Researches: 292 (Amount Accepted: 1,757 million Yen)
 - The number of Endowments and Donations: 2,275 (Amount Accepted: 1,364 million Yen)
- The number of Patent Applications: 41 (in academic year 2018)

【International】

- The Number of International Partner Institutions: 271 (46 Countries and 1 Region)
 - University Level...193 institutions (from 40 Countries and 1 Region)
 - Department Level...78 institutions (from 24 Countries and 1 Region)
- International student exchanges
International Students: 666
Students studying abroad: 618 (in academic year 2018, Including language training, etc.)
- Number of International Exchange of Researchers etc. / Sent Out and Received
The number of sent out: 1,517 (in academic year 2018) The number of received: 414 (in academic year 2018)

【University Rankings】

- Quacquarelli Symonds Ltd.
 - QS Asia University Rankings 2019: 19th in Japan, 128th in Asia
 - QS World University Rankings 2019: 561-570th in World
- Times Higher Education
 - Japan University Rankings 2019: 18th in Japan
 - World University Rankings 2019: 801-1000th in World

Features of Graduate School

Graduate School of Natural Science and Technology

Division of Electrical Engineering and Computer Science (Master's Program/Doctoral Program)

The Division conducts innovative technology development toward the realization of the high-speed, high-capacity, and comfortable advanced information network society. The Division systematically conducts global standard education in the fields of electrical engineering, electronics, communication engineering and information engineering, and creates new technology by powerful coordination of these fields.

Division of Mathematical and Physical Sciences (Master's Program/Doctoral Program)

In the wide range of science research, the Division conducts educational research in mathematics, physics and computational science with a comprehensive perspective while focusing on the characteristics as the basic science.

Division of Material Chemistry (Master's Program/Doctoral Program)

The Division trains high-level human resources who can voluntarily find research topics and conduct pioneering research in wide-ranging fields related to chemistry, in order to grasp various natural phenomena from the perspective of material conversion and realize a prosperous society in harmony with nature.

Division of Mechanical Science and Engineering (Master's Program/Doctoral Program)

The Division conducts practical and wide-ranging research on mechanical science that takes into account the harmony between nature and humankind (research that contributes to the development of compatibility with nature, efficient use of resource and energy, and comfortable, safe and ordered society).

Division of Environmental Design (Master's Program/Doctoral Program)

The Division conducts educational research on technology and engineering with high specialization and interdisciplinary traits, which are required in wide-ranging aspects of environmental design including survey, research, planning, design, construction and maintenance, as well as waste processing, regeneration, renewal, and disposal; this is in order to bear the responsibility of building a social infrastructure that is key to sustainable, safe, and comfortable homeland and urban development while being oriented to create a social and environmental infrastructure in harmony with nature.

Division of Natural System (Master's Program/Doctoral Program)

The Division of Natural System is a new Division made by the fusion of biology, bioengineering, chemical engineering and earth environmental science that challenges the fusion area of science and engineering. Through the education at the Division, we train researchers, technicians and educators in the areas of natural science who have high-level global awareness, creativity, and ethics.

Features of the Program

Purpose of the Course

The rapidly growing Asian and African regions are expected to continue to grow long into the future as the core of global economic stability. However, these regions are currently facing the serious threat of increased environmental degradation. This problem is caused by the increase in resource and energy consumption resulting from industrial development and population increase. In order to eradicate this threat and to realize a sustainable global society, it is crucial for each country to devise its own unique industrial development scenario based on its circumstances, and to subsequently develop or adopt environmental and energy technologies. As the global leader located in East Asia, Japan is responsible for stimulating green innovation in developing regions. The purpose of this course is to foster human resources for the global community who are capable of developing Japan's superb

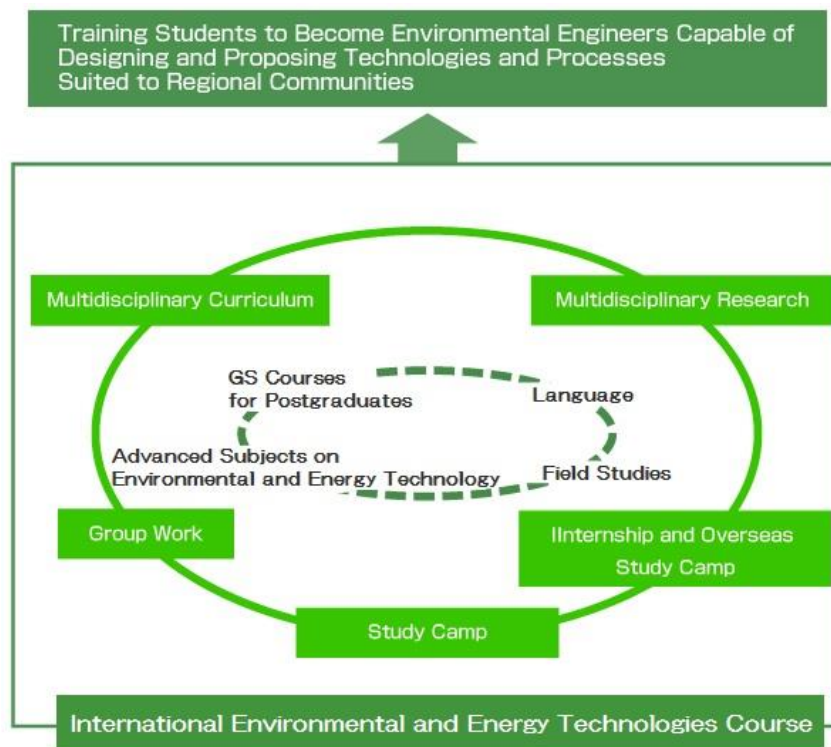
energy- and environment-related technologies into technologies suited to other countries' circumstances by taking regional characteristics and culture into consideration, and capable of deploying such technologies in an international setting.

Human Resources to be Developed

In addition to possessing advanced knowledge and skills in environmental technology, globally active environmental engineers must have the ability to understand the culture and history of each region, and based on that understanding, to design and present technologies and processes suited to the regional communities. This course produces human resources capable of playing active roles in the global community, who possess

1. Provides advanced energy and environmental engineering knowledge and skills.
2. Provides advanced communication skills that allow students to collaborate with engineers from other countries and understand the historical and cultural backgrounds of the local residents who will be the users of the environmental technologies.
3. Trains students to become human resources who will play an important role in global society; they will have the leadership skills that are required to propose technologies and processes to deal with cross-border environmental issues, which are tailored to regional circumstances.

Furthermore, this course produces human resources capable of serving as a bridge between Japan and other countries at local sites of environment- and energy- related research and technological development, and capable of contributing to the development of sustainable societies through cross-border collaboration.



Features

Feature 1. Intensive Training Camp that Takes Advantage of Regional Characteristics

Study Camp on Environmental and Energy Technology

Experience-based regional training through industry-academia-government collaboration is offered in the Noto region. This training equips students with knowledge and skills regarding the relationship between people and technology

- Development of a broad perspective by learning and experiencing the use of technology in a region and the impact it has on society
- Development of the ability to identify and resolve problems through industry-academia-government

collaborative training

- Development of communication skills through camp-style training



Facility tour

Feature 2. Training in Collaboration with Foreign Universities and Businesses

Overseas Study Camp on Environmental and Energy Technology Internship

Use of the collaborating professor system and the business consortium built through the Japan-China-Korea Environmental and Ecological Technology Special Course

- Overseas Study Camp: Development of communication skills and the ability to identify problems
- Environmental and Energy Technology Internship*: Acquisition of knowledge and experience regarding advanced technology and on-site technology development, development of problem-solving skills

*International students who wish to take the course “Environmental and Energy Technology Internship” are required to have passed level N2 of the Japanese-Language Proficiency Test as a general rule.



Internship at a business

Feature 3. Classroom Training Based on the Group Work of Multinational Students

- Development of advanced communication skills including discussion skills
- Cultivation of leadership qualities, mutual understanding and respect for foreign cultures



Group work in progress

Feature 4. Lectures in English

The lectures for this course are conducted in English.



Lectures in English

Necessary Curriculum to Obtain the Degrees

To complete this program, the students have to earn 33 credits or more in total. At least 26 credits from the Table 1 that shows the course list for ETIC students and at least 7 credits from the Table 2 that shows the course lists for each division.

Table 1: Course Lists for ETIC students.

List of Curriculum of Environmental and Energy Technology International Course (ETIC)
(Reference 2020)

	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS				
	Introduction to Environmental and Energy Engineering A	1		
	Introduction to Environmental and Energy Engineering B	1		
Field Practice				
	Study Camp on Environmental and Energy Technology	2		
	Overseas Study Camp on Environmental and Energy Technology		2	
	Environmental and Energy Technology Internship I		1	
	Environmental and Energy Technology Internship II		2	
Advanced Subjects on Environmental and Energy Technology				
	Basic of Environmental Science		2	8 credits or more are required
	Environmental Unit Operation A		1	
	Environmental Unit Operation B		1	
	Water Environmental Engineering		2	
	Air Pollution Control Engineering		2	
	Separation and Purification Technology		2	
	Aerosol Engineering A		1	
	Aerosol Engineering B		1	
	Chemical Reaction Engineering A		1	
	Chemical Reaction Engineering B		1	
	Science in Atmospheric Environment		2	
	Physical Chemistry for Environment		2	
	Environmental Microbiology A		1	
	Environmental Microbiology B		1	
	Soil Analytical Chemistry		2	
	New Functional Material Design		2	
	Applied Environmental Analysis		2	
	Environmental-Systems Planning		2	
	Green Energy Conversion		2	
	Introduction to Electric Power Conversion Engineering A		1	
	Introduction to Electric Power Conversion Engineering B		1	
	Environmental system engineering		2	
	Environmental Risk Assessment		2	
	Introduction to Electric Power Conversion Engineering A		1	

Introduction to Electric Power Conversion Engineering B		1	
Analysis of Thermo-Fluid Systems		2	
Numerical simulation of thermofluids A		1	
Numerical simulation of thermofluids B		1	
Thesis Research	10		
Language Subjects			
English for Environmental and Energy Technology		1	2 subjects/ 2 credits or more are required
Advanced English for Environmental and Energy Technology		1	
Basic Japanese	1		

Table2: Course List for the Each Division

Division of Division of Electrical Engineering and Computer Science

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		2 credits or more are required
	Introduction to Management of Technology A		1	
	Introduction to Management of Technology B		1	
	Fundamentals of Management of Technology A		1	
	Fundamentals of Management of Technology B		1	
	New Venture Creation A		1	
	New Venture Creation B		1	
	Topics on Mathematical and Data Science A		1	
	Topics on Mathematical and Data Science B		1	
	Topics in Mathematical Science Ia		1	
	Topics in Mathematical Science Ib		1	
	Introduction to Theoretical Physics a		1	
	Introduction to Molecular and Biophysics a		1	
	Introduction to Condensed Matter Physics a		1	
	Introduction to Plasma and Astrophysics a		1	
	Physics of Oscillations and Waves a		1	
	Topics in Computational Science a		1	
	Topics in Computational Science b		1	
	Advanced Material Chemistry A		1	
	Advanced Material Chemistry B		1	
	Applied Material Chemistry A		1	
	Applied Material Chemistry B		1	
	Basic Systems Biology A		1	
	Basic Systems Biology B		1	
	Fundamentals of Bioengineering A		1	
	Fundamentals of Bioengineering B		1	
Basic Chemical Engineering A		1		
Basic Chemical Engineering B		1		
Fundamentals of Earth and Environmental Sciences A		1		
Fundamentals of Earth and Environmental Sciences B		1		
Common basic subjects	Fundamentals of Nanoscale Measurements and Control A		1	4 credits or more are required (including 2
	Fundamentals of Nanoscale Measurements and Control B		1	
	Lightwave Engineering A		1	

	Lightwave Engineering B		1	credits or more in Common basic subjects)
	Quantum Electronics A		1	
	Fundamentals of Materials Characterization A		1	
	Fundamentals of Materials Characterization B		1	
	Introduction to Electric Power Conversion Engineering A		1	
	Introduction to Electric Power Conversion Engineering B		1	
Applied subjects	Devices Process Engineering A		1	
	Devices Process Engineering B		1	
	Surface and Interface Engineering A		1	
	Surface and Interface Engineering B		1	
	Applied Plasma Engineering A		1	
	Applied Plasma Engineering B		1	
	Introduction to Numerical Analysis of Plasma Flow A		1	
	Introduction to Numerical Analysis of Plasma Flow B		1	
	Advanced Scientific English A		1	
	Advanced Scientific English B		1	
	Exercise for Technical Intern		2	

Division of Material Chemistry (Applied Chemistry Course)

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		
	Applied Material Chemistry A	1		
	Applied Material Chemistry B	1		
Basic subjects	Introduction of Energy and Environmental Program	1		
	Introduction of Material Program	1		
	Technical English for Applied Chemistry	2		

Division of Mechanical Science and Engineering (Mechanical Systems Engineering Course)

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		4 credits or more are required
Basic subjects	Exercise in Mechanical Engineering	2		
	Mechanics of Materials and Theory of Elasticity		2	
	Dynamics and Control		2	
	Analysis of Thermo-Fluid Systems		2	
	Material Science for Engineers		2	
	Machining Technology		2	
	Applied Machining and Processing A		1	
	Applied Machining and Processing B		1	
	Advanced Fluid Mechanics A		1	
	Advanced Fluid Mechanics B		1	
	Methods of Applied Fourier Analysis A		1	
	Methods of Applied Fourier Analysis B		1	
	Computational Mechanics of Materials		2	
	Quantum Beam Materials Evaluation A		1	
	Quantum Beam Materials Evaluation B		1	
	Information-reinforced Mechatronics balanced with Environment A		1	

Information-reinforced Mechatronics balanced with Environment B			1
High Energy Beam Machining A			1
High Energy Beam Machining B			1
Advanced Heat Transfer Engineering A			1
Advanced Heat Transfer Engineering B			1
Aeronautical Systems A			1
Aeronautical Systems B			1
Advanced Tribology A			1
Advanced Tribology B			1
Intelligent Robot A			1
Intelligent Robot B			1
Kinematics and Design in Mechanism A			1
Kinematics and Design in Mechanism B			1
Analytical Dynamics A			1
Analytical Dynamics B			1
Statistical Mechanics A			1
Statistical Mechanics B			1
Quantum Theory A			1
Quantum Theory B			1
Knot Theory A			1
Knot Theory B			1
Real-world robotics A			1
Real-world robotics B			1
Electrical Machining A			1
Electrical Machining B			1

Division of Mechanical Science and Engineering (Environment and Human related Mechanical Systems Course)

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		
	Exercise in Environment and Human Related Mechanical Science	2		
Basic subjects	Structural Analysis and Strength of Material A		1	4 credits or more are required
	Structural Analysis and Strength of Material B		1	
	Mechanical System Dynamics Modeling A		1	
	Mechanical System Dynamics Modeling B		1	
	Measurement and control A		1	
	Measurement and control B		1	
	Introduction to Medical and Biological Engineering A		1	
	Introduction to Medical and Biological Engineering B		1	
	Fundamentals of Biomechanics		2	
	Heat and mass transfer phenomena A		1	
	Heat and mass transfer phenomena B		1	
Applied subjects	Topics in Mechanical Sciences 1		1	
	Topics in Mechanical Sciences 2		1	
	Topics in Mechanical Sciences 3		2	
	Introduction to Optimum Design		2	
	Applied Manufacturing System A		1	

Applied Manufacturing System B		1
Finite Element Method		2
Biomechanics A		1
Biomechanics B		1
Motor control of human movement A		1
Motor control of human movement B		1
Advanced Biomechanical Engineering A		1
Advanced Biomechanical Engineering B		1
Energy Conversion Engineering A		1
Energy Conversion Engineering B		1
Chemical Engineering & Machinery A		1
Chemical Engineering & Machinery B		1
Advanced Functional Metallic Materials A		1
Advanced Functional Metallic Materials B		1
Advanced Metallic Microstructure A		1
Advanced Metallic Microstructure B		1
Advanced Recycling System Engineering A		1
Advanced Recycling System Engineering B		1
Numerical simulation of thermofluids A		1
Numerical simulation of thermofluids B		1

Division of Environmental Design

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		
Common basic subjects	Fundamentals of Numerical Simulation		2	6 credits or more are required
	Technical Communication		2	
Specialized basic subjects	Science and Technology of Cement-based Materials		2	
	Advanced Structural Engineering A		1	
	Advanced Structural Engineering B		1	
	Advanced Geotechnical Engineering		2	
	Applied Fluid Mechanics		2	
	Computational Fluid Mechanics A		1	
	Computational Fluid Mechanics B		1	
	Water Pollution Control Engineering		2	
	Air Pollution Control Engineering		2	
	Urban Planning System		2	
	Transportation Systems Planning		2	
Urban Earthquake Disaster Mitigation		2		
Specialized applied subjects	Design and Management in Geotechnical and Earthquake Engineering		2	
	Exercise on Civil Engineering		2	
	Data Analysis in Hydrology and Hydrodynamics A		1	
	Data Analysis in Hydrology and Hydrodynamics B		1	
	Applied Environmental Analysis		2	
	Applied Science in Atmospheric Environment		2	
	Exercise on Regional and Global Environment		2	
	Urban Design and Management		2	
Sustainable Design for Urban Environment		2		

Division of Natural System (Chemical Engineering Course)

Category	Course Title	Credit		Course Requirements
		Mandatory	Elective	
Graduate GS	Research Ethics	1		
	Basic Chemical Engineering A	1		
	Basic Chemical Engineering B	1		
Skill subjects (Division Common subjects)	Research Skills C	2		
	Research Skills D	2		

List of faculty members capable of guiding JDS Fellows

Division of Electrical Engineering and Computer Science

Name	Position	Research Field
Tatsuo Ishijima◎	Professor	Plasma Application
Yasunori Tanaka◎	Professor	Power engineering/Power conversion/Electric machinery, Plasma science
Takeo MARUYAMA◎	Associate Professor	Optoelectronics, Silicon Photonics, Optical Wireless Power Transmission, Semiconductor Devices
Yusuke NAKANO◎	Assistant Professor	Electrical Discharge, Electrical Insulation, Current Interruption, Power System

Division of Material Chemistry

Name	Position	Research Field
Hiroshi Hasegawa	Professor	Hydrosphere chemistry, environmental chemistry, remediation technology, toxic metals, rare metals
Tetsuya Taima○	Professor	Organic photovoltaic cell, Perovskite solar cell, molecular orientation control
Akio Ohta	Associate Professor	Physical chemistry of interfaces, surfactant science, amino acid-type surfactants, surfactants, biomaterials, calorimetry
Takahiro Yamaguchi	Associate Professor	Electrochemistry, Modified electrode, Oxygen reduction reaction
Asami Mashio	Assistant Professor	Marine chemistry, Environmental chemistry, Analytical chemistry
SHAHIDUZZAMAN MD○	Assistant Professor	Fabrication of Perovskite Solar Cells

Division of Mechanical Science and Engineering

Name	Position	Research Field
Takahiro KIWATA	Professor	Fluid Engineering
Takaaki Kono	Associate Professor	Wind Turbine Engineering, Computational Fluid Dynamics, Wind Engineering
Hiroshi Enomoto	Associate Professor	Combustion, Internal combustion engine, Biomass usage
Yoshikazu Teraoka	Associate Professor	thermal engineering, heat transfer
Akio Kodama	Professor	Adsorption, gas separation, desiccant cooling, air purification, low-temperature heat energy
Osamu Miki	Professor	Environmental Conservation, Marine Environment Improvement, Recycle

Takuya Tsujiguchi	Associate Professor	Fuel cell, Desiccant Cooling system, Heat and Mass Transport analysis
Yugo Osaka	Associate Professor	Research from combustion gas to production technologies

Division of Environmental Design		
Name	Position	Research Field
Ryoko Ikemoto	Professor	Sewage systems, wastewater treatment, biological waste water treatment, water environment, microbes, sulfate reduction
Zhen-jiang Shen	Professor	Inventory and total amount control approach for urban environment management simulation, agent-based models
Masami Furuuchi○	Professor	Assessment of atmospheric environment, aerosol, nano-particles, air pollution control technology, assessment of occupational exposures
Mitsuhiko Hata○	Associate Professor	Aerosol, biomass combustion, source countermeasure technologies
Ryo Honda	Associate Professor	Environmental process engineering, Environmental microbiology, Water treatment process
Masashi Ohashi	Associate Professor	Materials physics and chemistry, Thermophysical property, Functional materials, Low temperature, Magnetism
Kenji Taniguchi	Associate Professor	Numerical weather prediction, River runoff simulation, Impact assessment of global warming
Seiya Hanamoto	Associate Professor	Environmental chemistry
Norihisa Matsuura	Assistant Professor	Water environmental engineering, wastewater treatment, eco-friendly technology, microbial community analysis
Hiroe Hara-Yamamura	Assistant Professor	Water environment engineering, Wastewater reclamation, Emerging contaminants
SEKIGUCHI Tatsuya	Assistant Professor	Site evaluation of urban commercial facilities, Food deserts problem, People's evaluation of living environments and their living motivation, Geographical information system

Division of Natural System		
Name	Position	Research Field
Takafumi Seto○	Professor	Nano-particles, aerosols
Kenji Takahashi○	Professor	Biomass Refinery, Artificial photosynthesis, chemical reaction processes using ionic liquids, supercritical fluids, plasma and microwave
Hirohisa Uchida	Professor	High pressure/Supercritical fluid technology, Advanced materials production, Crystallization, Thermodynamics
Mikio Kumita	Professor	Adsorption, Sorption cooling, Heat and mass transfer, Reaction engineering
Noboru Takiguchi	Associate Professor	Bioprocesses, bioinformatics
Hidenori Higashi	Associate Professor	Supercritical fluids technology, Aerosol science & technology, Molecular dynamics
Yayoi Inomata	Associate Professor	Atmospheric Environment Science, Meteorology, Geochemistry

All faculty members marked with ◎ listed below can supervise the JDS Fellows and faculty members marked with ○ can co-supervise with another full-time faculty member.

Academic Schedule

Academic Calendar (Reference 2019)

Spring

The 1st Quarter class begin April 8th

Exam Week from June 4th to 10th

The 2nd Quarter class begin June 11th

Exam Week from July 31st to August 6th

Commencement Ceremony September 26th.

Fall

The 3rd Quarter classes begin Oct 1st

Exam Week from November 26th to December 2nd

The 4th Quarter classes begin December 3rd

Exam Week from February 4th to 10th

Commencement Ceremony March 22th.

Facilities

Library

Kanazawa University Library consists of following 4 libraries.

Central Library (North area, Kakuma campus)

Kakuma-machi, Kanazawa 920-1192

TEL: 076-264-5211 FAX: 076-264-5208

E-mail: etsuran@adm.kanazawa-u.ac.jp

Natural Science and Technology Library (South area, Kakuma campus)

Kakuma-machi, Kanazawa 920-1192

TEL: 076-264-6554 FAX: 076-264-6553

E-mail: nst-lib@adm.kanazawa-u.ac.jp

Medical Library (Takara-machi campus)

13-1 Takara-machi, Kanazawa 920-8640

TEL: 076-265-2141 FAX: 076-234-4211

E-mail: igakusv@adm.kanazawa-u.ac.jp

Health Sciences Library (Tsuruma campus)

5-11-80 Kodatsuno, Kanazawa 920-0942

TEL: 076-265-2518 FAX: 076-234-4355

E-mail: htosho@adm.kanazawa-u.ac.jp

Student Dormitories

Kanazawa University International House (KOKURYU KAIKAN)

This is located on the Kakuma Campus, and is available for use by new incoming international students.

Number of rooms: 63

Occupancy: Single use

Kanazawa University Student/International Student Dormitory "HOKUMEI"

This is a share house type dormitory located on the Kakuma Campus, and is available for use by Japanese students and new incoming international students. 5 Students with various nationalities (including Japanese) share 1 unit of the share house.

Number of rooms: 120 (male 72; female 48)

Occupancy: (5 students share 1 unit)

Kanazawa University Student/International Student Dormitory "SAKIGAKE"

This is a share house type dormitory located on the Kakuma Campus, and is available for use by Japanese students and new incoming international students. 8 Students with various nationalities (including Japanese) share 1 unit of the share house.

Number of rooms: 78 (male 36; female 42)

Occupancy: Singles (8 students share 1 unit)

Kanazawa University Co-op cafeteria

With the co-op cafeteria's extensive menu for breakfast, lunch and dinner, you won't get tired of eating there every day. The nutritional values for each dish are displayed to help students make healthy choices. In addition, lunch packs, bread, and drinks are also sold at the school convenience stores.

We created a Halal Food Standard at Kanazawa University in consultation with Muslim students. In the NST cafeteria, we offer halal dishes.

Kanazawa University Co-op shop

The University Co-op supports learning by selling college textbooks, stationery and educational materials. We also sell original Co-op computers and hold computer lessons for beginners. In addition, we offer foreign language tests such as TOEIC and other certification exams, as well as applications for driving schools.

Message for Applicants

We have a well-designed environmental and energy technology course and provide it for international students in Japan. Since the establishment, our course staff has drawn on their passion for teaching based on their research and professional experiences. We are committed to provide education and research programs that reflect the realities of the problems in the world. Students work together to learn in classes and field works, and improve their skills.

Our faculty members always pay attentions to students who are in the special needs to obtain quantitative and analytical skills from the basics. Tutorial or follow-up sessions are conducted as needed. Upon arrival before the regular classes start, we provide a Japanese lecture via internet.

The best part about Kanazawa University is that you will be able to obtain advanced technologies and enjoy your daily life in many historical attractions such as restored residences and districts, as well as modern museums. But Kanazawa's unchallenged main attraction is Kenrokuen, one of Japan's "three best landscape gardens" and by many considered the most beautiful of them all. The professors here are so friendly and amazing in helping you with your work. They know what your good at and exactly what you need help in. Not only academics but also the faculty, staff, students and even work studies are so helpful when it comes to your needs.