



Kanazawa University

Graduate School of Natural Science and Technology (Master's Level Section)

**“ Graduate Program on Science and Engineering for Sustainable
Development : Environmental/Energy Science and Engineering
(Environmental and Energy Technologies International Course)”**

Applicant Guidelines for International Students (April 2027)

- Special Quota and Self-financed Quota Applicants-

Application Outline for Admission

Environmental and energy engineers who can contribute to the global society are expected to be equipped with not only the advanced knowledge and skills of environmental and energy engineering but also the ability to propose and design the skills and processes that are in harmony with the regional society and the understanding of regional cultures and history. This program will train individuals who can contribute to the global society by providing education on (1) advanced knowledge and skills on environmental and energy engineering, (2) advanced communication skills for collaborating with engineers from other nations and to understand the historical and cultural background of the regional residents who will be the users of the environmental and energy technology, and (3) the leadership to propose the appropriate skills and processes for each regional circumstance surrounding the environmental problems that occur across national borders. Moreover, the program will nurture individuals who will act as a bridge with Japan at the site of research and technological development in the fields of environment and energy and who will contribute to the sustainable development of the society through cooperation across national borders.

1. SCHEDULE

Date	Details
October 5 - October 16, 2026 Japan time: noon	Application Period
Late of October, 2026 (tentative)	Notification of schedule on an Oral Examination
Late of October to Beginning of November, 2026 (tentative)	Oral Examination
Beginning of December, 2026 (tentative)	Notification of Results
April 1, 2027	Admission

2. QUALIFICATIONS

●The number of students to be admitted

Category	Number of applicants accepted
International students (Special quota)	A few students
International students (Self-financed quota)	

- ※ Out of all successful candidates, a few candidates who have an academic record with a GPA of 2.10 or higher at the last university attended and have excellent results in the entrance exam might be counted as candidates in the special quota. In case a successful candidate in the quota declines admission, a self-financed international student may be moved up to fill the special quota in order of exam results. Students in the special quota will be exempted from the payment of both admission fee and tuition fee (;however, the exemption from tuition fees is limited to the standard period of study (2 years)).
- ※ The academic records will be calculated by the method which is designated by the Ministry of Education, Culture, Sports, Science and Technology.
- ※ The Japanese Government (MEXT) Scholarship is not eligible for this round of applications.

●Divisions offered

- 1) Division of Material Chemistry (Applied Chemistry Course)
- 2) Division of Mechanical Science and Engineering
- 3) Division of Frontier Engineering

- 4) Division of Electrical, Information and Communication Engineering
- 5) Division of Geosciences and Civil Engineering (Course in Civil Engineering)

●**Field of Study**

Environmental engineering (atmospheric environment, water environment, soil environment, waste management, etc.) and energy engineering fields

●**Research field and supervisor**

Please select your intended field of specialization at Kanazawa University and indicate your preferred supervisor.

For the professors who can accept students in this course, please refer to the Appendix.

Prior to application, applicants must contact their preferred supervisors directly via email to discuss the possibility of studying under their supervision. Then, applicants must receive a letter of acceptance from the prospective supervisor. Note that applications cannot be accepted without the letter of acceptance from prospective supervisor.

Reference URL: <http://www.nst.kanazawa-u.ac.jp/etic/english/research/>

●**Academic Background**

Applicants must have graduated or will graduate from a Japanese university by March 31, 2027. Applicants will be deemed to have academic ability equal or superior to that of a Japanese university graduate, if he/she

[1] has completed or will complete a 16-year school curriculum in a foreign country by March 31, 2027.

[2] is or will be age 22 by March 31, 2027 or older and has taken the individual entrance qualification examination and has been certified by a graduate school as being equal or superior in academic ability to a university graduate.

Note: Eligible applicants include those who otherwise satisfy, or will satisfy, the qualification requirements by March 31, 2027 for admission to a Japanese graduate school.

●**Health**

Applicants must be physically and mentally fit to pursue their studies at the university.

●**Arrival in Japan**

Applicant is expected to be able to arrive in Japan by April 1, 2027.

●**Visa Requirement**

Selected applicants must obtain a College Student (Ryugaku) visa from the Japanese consulate general in the country of their nationality.

●**Other**

Any applicant who meets any or all of the following conditions is ineligible.

[1] Those who are military personnel or military civilian employees at the time when the school period is due to begin;

[2] Those who cannot arrive in Japan during the period designated by Kanazawa University;
or

[3] Those who are expected to graduate at the time of application and cannot satisfy the

qualifications and the conditions related to academic background by the deadline given.

3. APPLICATION PROCEDURES AND SELECTION

(1) Application Procedure

●Submit documents

Applicants must submit the following PDF documents to both the Student Affairs Division, Graduate School of Natural Science and Technology, Kanazawa University, and the prospective supervisor **as e-mail attachment** during the application period.

After the submitted documents have been confirmed to have no issues, applicants will receive a notification of application completion along with instructions for mailing the original documents.

Please prepare the originals in advance, and mail them promptly after receiving the mailing instructions (the mailing deadline will be specified separately).

■Application Period and address for submission

Application Period: October 5, 2026 (Mon) ~ October 16, 2026 (Fri) by 12:00 noon (Japan time; e-mail must arrive by the deadline).

Email recipients: Admission Affairs Section, Student Affairs Division,
Science and Engineering Administration Department

Email address: s-nyusi@adm.kanazawa-u.ac.jp

(please include "[ETIC]" in the subject header)

Website: <http://www.nst.kanazawa-u.ac.jp/etic/english/>

Note:

- If applicants find it difficult to send documents due to file size or any other reasons, please split them into several files and send them separately.

- **Applications will not be accepted if they are not received during the application period.**

After receiving the mailing instructions, please send the original application documents to the address below.

Mailing Address: Kakuma, Kanazawa 920-1192

Admission Affairs Section, Student Affairs Division, Science and
Engineering Administration Department

■Required Documents

- 1) Application Checklist *
- 2) Application Form *(with photo)
- 3) Statement of purpose *
- 4) Academic transcript of the last university attended
- 5) Graduation certificate or degree certificate of the last university attended (or an attested document certifying that the applicant will graduate from the school, where applicable)
- 6) Students Registration Certificate (for current students)

- 7) Summary of Graduation Thesis, etc. (free format, 2-3 A4 sized pages)
- 8) Field of Study and Research plan form * Both side printing
- 9) Certificate that proves your English ability.
 - [1] An original score of TOEIC, TOEFL-iBT or IELTS obtained on or after October 2024.
And / or
 - [2] A certificate stating that the main instruction is English, from an institution you have completed / will have completed which meets the qualification to enter Japanese Master's course of graduate school.

In case you cannot submit either [1] or [2], English proficiency will be tested in an Oral Examination.
- 10) Letter of Acceptance from Prospective Supervisor *
 - ※ You should submit PDF only. The prospective supervisor will submit the original to Admission Affairs Section, Student Affairs Division.
- 11) A copy of applicant's passport (or copy of a certificate of family register, certificate of citizenship or other identification issued by the government of their home country)
- 12) A Written Permission to Take Entrance Exam (for those who are currently employed, it must be submitted from their supervisor, granting permission to apply for and pursue further education at Kanazawa University).

Note:

- If there are any deficiencies in the application materials and the applicant is unable to correct them within the application period, the application will not be accepted.
 - Once submitted, documents cannot be modified and will not be returned.
 - If any false information is found in the submitted documents, admission can be canceled at any time after enrollment.
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- ※ Items with * must be printed in A4 sized paper using prescribed forms.
 - ※ Above documents must be written in either Japanese or English. A document written in any other language must accompany a Japanese or English translation.
 - ※ 2) Photograph (4.5×3.5cm) to be attached on the application must be taken within the past 6 months. It must be in color, showing the upper body, unedited, without a hat, facing forward, and with a plain background. Digital photo data may also be submitted instead of a printed photograph. Photographs that have been altered or edited using apps or similar tools cannot be used.
 - ※ 4) The academic transcripts of the last university attended must show the grade scale applied and the grades earned by the applicant on all the subjects studied. (A degree certificate or a graduation certificate simply showing the ranking of the applicant at graduation will not substitute for academic transcripts.)

If the applicant's latest degree was a master's program, he/she must also submit their undergraduate transcript.
 - ※ 7) For the abstract, please submit a summary, abstract, or plan of your graduation thesis, graduation research, or any presented papers.

Please note that these materials will be used as basic data for evaluating the applicant's academic ability. Be sure to include your name and the title of the thesis.
 - ※ 8) Applicant should clearly describe their research program on Field of Study and Study plan form because it will serve as important materials for placement of the applicant at a

university.

- ※ 4), 5), 6), and (9)- [2] documents must be submitted either as original documents or as documents certified by the issuing authority as true copies of the originals. Copies that have the institution's official seal directly stamped on them are acceptable; however, photocopies of documents that were originally stamped are not accepted. Therefore, please make sure to have the required documents prepared in advance.

In addition, depending on the documents you submit, we may need to verify the originals or request that you provide the original documents.

(2) Examination

Selection will be based on the results of an Oral Examination over the Internet and the screening of the submitted documents.

- ※ In case you cannot submit either [1] or [2] of Required Documents 9), English proficiency will be tested in an Oral Examination.

Date of Oral Examination: about the late of October to Beginning of November, 2026 (tentative)

Venue of Oral Examination: It will be announced later by prospective supervisor.

(3) Announcement of Results

Date: the beginning of December, 2026 (tentative)

- ※ The results will be notified by e-mail and document.

4. SCHOOL FEE

(1) Fees

① Applicants need not to pay examination fee.

② Admission fee and tuition fee

For the international student who passes the exam as a student of special quota, the admission fee and tuition fee will be waived for two years from April, 2027 to March, 2029.

For the international student who passes as a student of self-financed quota, admission fee and tuition fee need to be submitted.

Admission fee: 282,000JPY

Tuition fee (Annually): 535,800JPY

(First semester: 267,900JPY / Second semester: 267,900JPY)

※ If the admission fee or tuition fee is revised, the updated amount will apply from the date of revision.

③ Fee required for international students regarding the procedures for their arrival in Japan.

20,000 JPY (estimated)

※ This fee is primarily required for obtaining a Certificate of Eligibility (CoE). This fee does not apply to international students who do not require a CoE.

※ This fee is subject to change. Please refer to the " Admission Procedure Guidelines," which will be published at a later date, for the final information.

※ After enrollment, we may collect necessary fees to provide international students with comprehensive support for their daily lives and studies.

(2) Admission Fee Exemption

Successful applicant who passes the examination as a self- financed student is eligible to apply for admission fee exemption (full or half), if he/she meets the following conditions of ① or ②. Please inquire the details after being selected.

①Applicant who has financial difficulties in paying the admission fee and has exemplary academic records.

②Applicant who faces significant difficulty in paying admission fee due to a loss of their financial supporter within a year from enrollment or to wind and flood damages brought upon the student or their financial supporter.

Additional details are available from the contact information below.

Student Support Division, Kanazawa University, Kakuma, Kanazawa, Ishikawa, 920-1192
JAPAN TEL 076-264-5164

(3) Tuition Fee Exemption

Successful applicant who passes the examination as a self- financed student is eligible to apply for tuition exemption (full or half), if he/she meets the following conditions of ① or ②. Please inquire the details after being selected.

①Applicant who has financial difficulties in paying the tuition fee and has exemplary academic records.

②Applicant who faces significant difficulty in paying tuition fee either due to a loss of their financial supporter within a year from enrollment or to wind and flood damages brought upon the student or their financial supporter.

Additional details of this information are available from the contact information below.

Student Support Division, Kanazawa University, Kakuma, Kanazawa, Ishikawa, 920-1192
JAPAN TEL 076-264-5164

5. SCHOLARSHIP OF KANAZAWA UNIVERSITY

Kanazawa University provides some scholarship programs for international students.

For more information, please refer to the following website.

<https://intl-support.w3.kanazawa-u.ac.jp/tuition/>

6. NOTES

- (1) Each applicant is advised to learn the Japanese language and to acquire some information on Japanese weather, climate, customs, university education, and conditions in Japan, as well as about the difference between the Japanese legal system and that of their home country before

departing for Japan.

- (2) The successful applicant should bring approximately 250,000JPY or the equivalent to cover the immediate needs after arrival in Japan (rent of apartment, insurance, etc.). For Self-Financed student, admission fee and tuition fee must be arranged in addition.
Moreover, submission of the deposit balance proof of about 1,000,000JPY might be requested at a state to issue a student visa.
- (3) If you are granted, will be granted or are applying for any scholarship while you stay in Japan including MONBUKAGAKUSHO scholarship, government of your country etc., please make sure to fill in the name of scholarship field in the application form in advance.
If you fail to provide us with information about scholarship, you might be categorized as a self-financed international student, even though you pass the exam as an international student in special quota.
- (4) Additional details of this program are available from the contact information below.
- (5) Do not use erasable ball-point pens for application documents.



Admission Section, Student Affairs Division,
Science and Engineering Administration Department,
Kanazawa University
Kakuma, Kanazawa, Ishikawa 920-1192 JAPAN
Phone: +81-76-234-6823 Fax: +81-76-234-6844
<http://www.nst.kanazawa-u.ac.jp/etic/>
E-mail: s-nyusi@adm.kanazawa-u.ac.jp

Environmental and Energy Technologies

International Course

Instructors and Research

※Faculty members whose names appear in red have different supervision arrangements than usual. If you wish to receive supervision from them, please consult the Admission Affairs Section (e-nyusi@adm.kanazawa-u.ac.jp) in advance.

Division of Material Chemistry

Name	Position	Research Field
HASEGAWA, Hiroshi	Professor	Hydrosphere chemistry, environmental chemistry, remediation technology, toxic metals, rare metals
TAIMA, Tetsuya	Professor	Organic photovoltaic cell, perovskite solar cell, molecular orientaiton control
OHTA, Akio	Associate Professor	Physical chemistry of interfaces, surfactant science, amino acid-type surfactants, surfactants, biomaterials, calorimetry
YAMAGUCHI, Takahiro	Associate Professor	Electrochemistry, Modified electrode, Oxygen reduction reaction
MASHIO, Asami	Associate Professor	Marine chemistry, Environmental chemistry, Analytical chemistry
SHAHIDUZZAMAN Md	Associate Professor	Fabrication of Perovskite Solar Cells
WONG, Kuo Hong	Assistant Professor	Biogeochemical cycles, Chemical oceanography, Aquatic Analytical Chemistry, Trace metals, Microorganism
ASAKAWA, Hitoshi	Professor	Atomic force microscopy, Solid-liquid interface, Intermolecular interactions
NAKANO, Masahiro	Associate Professor	photovoltaic devices, self-assembled monolayer, organic spintronic materials

Division of Mechanical Science and Engineering

Name	Position	Research Field
KIWATA, Takahiro (will retire on 2027.3.31)	Professor	Fluid Engineering
KONO, Takaaki	Associate Professor	Wind Turbine Engineering, Computational Fluid Dynamics, Wind Engineering
ENOMOTO, Hiroshi	Associate Professor	Combustion, Internal combustion engine, Biomass usage
TERAOKA, Yoshikazu	Associate Professor	thermal engineering, heat transfer
KODAMA, Akio	Professor	Adsorption, gas separation, desiccant cooling, air purification, low-temperature heat energy
TSUJIGUCHI, Takuya	Professor	Fuel cell, Desiccant Cooling system, Heat and Mass Transport analysis
OSAKA, Yugo	Associate Professor	Thermal battery, Heat/Electricity integrated energy management system, Exhaust gas purification

Division of Frontier Engineering

Name	Position	Research Field
SETO, Takafumi	Professor	Nano-particles, aerosols
KUMITA, Mikio	Professor	Adsorption, Sorption cooling, Heat and mass transfer, Reaction engineering
TAKIGUCHI, Noboru	Associate Professor	Bioprocesses, bioinformatics
INOMATA, Yayoi	Associate Professor	Atmospheric Environment Scicence, Meteorology, Geochemistry
YOSHIDA, Hiroshi	Associate Professor	CO2 utilization, Catalytic transformation, Environmental catalyst

Division of Electrical, Information and Communication Engineering

Name	Position	Research Field
ISHIJIMA, Tatsuo	Professor	Plasma Application
TANAKA, Yasunori	Professor	Power engineering/Power conversion/Electric machinery, Plasma science
MARUYAMA, Takeo	Associate Professor	Optoelectronics, Silicon Photonics, Optical Wireless Power Transmission, Semiconductor Devices
NAKANO, Yusuke	Associate Professor	Electrical Discharge, Electrical Insulation, Current Interruption, Power System
KAWAE, Takeshi	Associate Professor	Functional oxide, Low-dimensional materials, Device process technology
GUO, Tailliang	Professor	Information Display, Micro-Nano Systems and Integration, Integrated Circuits
YE, Yun	Professor	Optoelectronic Sensors and Systems, Novel Displays, Micro-Nano Materials and Systems

Division of Geosciences and Civil Engineering

Name	Position	Research Field
HATA, Mitsuhiro	Professor	Aerosol, biomass combustion, source countermeasure technologies
HONDA, Ryo	Professor	Environmental process engineering, Environmental microbiology, Water treatment process
OHASHI, Masashi	Professor	Materials physics and chemistry, Thermophysical property, Functional materials, Low temperature, Magnetism
TANIGUCHI, Kenji	Professor	Numerical weather prediction, River runoff simulatoin, Impact assessment of global warming
NISHINO, Tatsuya	Professor	Architectural Planning, Living Environment for the Elderly, Restructuring of Public Facilities
HANAMOTO, Seiya	Associate Professor	Environmental chemistry
MATSUURA, Norihisa	Associate Professor	Water environmental engineering, wastewater treatment, eco-friendly technology, microbial community analysis
HARA-YAMAMURA, Hiroe	Associate Professor	Water environment engineering, Wastewater reclamation, Emerging contaminants
NISHIWAKI, Yuri	Associate Professor	biomass conversion, surface chemistry
TENG, Xiao	Assistant Professor	National land use planning, Smart city and zero energy buildings
MAO, Qizhi	Professor	Urban Environmental Policy, Land Use Policy, Environmental Technology Policy
ZHEN-JIANG, Shen	Professor	Inventory and Total Amount Control Approach for Urban Environment Management Simulation, Agent-Based Models, Smart City
LONG, Ying	Associate Professor	Urban Data Science, Spatial Statistics, Urban Mobility