



**Academic Year 2020(October Admission) / Academic Year 2021**

**Graduate School of Frontier Science Initiative**

**Kanazawa University**

**(Master's program)**

# **Student Application Guidelines**

**Graduate School of Frontier Science Initiative**

**Kanazawa University**

The applicant is responsible for confirming all information included in the Guidelines for Applicants for his/her entrance examination category.

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## Schedule from application to admission

Application period for certifying eligibility	May 25 (Mon) – 29 (Fri), 2020
Application period	June 15 (Mon) – 19 (Fri), 2020
Examination	July 18, 2020 (Sat)
Announcement of successful applicants	August 7, 2020 (Fri)
Admission procedure	October 2020 term: Mid-September 2020 April 2021 term: Mid-March 2021
Admission	October 2020 term: October 2020 April 2021 term: April 2021

Note: If the schedule is changed to prevent the spread of the novel coronavirus infection, it will be announced on the graduate school website.

Kanazawa University website> > English > Study > Graduate

Graduate School of Frontier Science Initiative website:

<https://gsinfiniti.w3.kanazawa-u.ac.jp/>

### **For applicants who are victims of natural disasters**

To help reduce the financial burden on victims of natural disasters and provide them with an opportunity to further their education, Kanazawa University has adopted a measure to waive entrance assessment fees. Please visit the Kanazawa University website for details, such as applicable disasters and disaster-hit areas.

Kanazawa University website>applicants>examination information  
<https://www.kanazawa-u.ac.jp/education/admission/>

If you would like to have your admission assessment fee waived, please contact Admission Division, Student Affairs Department.

Phone: 076-264-5180      Email: [nyushi-kafuku@adm.kanazawa-u.ac.jp](mailto:nyushi-kafuku@adm.kanazawa-u.ac.jp)

# Summary of the Graduate School of Frontier Science Initiative

## [Admission policy]

### ●Division of Transdisciplinary Sciences

The master's program accepts applicants who have a strong desire to actively create new and advanced values for the development of society. In addition to utilizing the specialized knowledge acquired in the bachelor's program, they are expected to draw on their multifaceted reasoning skills to engage in concerted activities with others to play an active role in a global society. They will be called upon to identify and solve various complex problems through transdisciplinary sciences.

This program is divided into a master's program and a doctoral program, even though students who wish to complete a 5-year education to completing the doctoral program are also proactively accepted.

### ●Division of Nano life Science

The master's program accepts applicants who have acquired specialized knowledge in their bachelor's program and possess advanced the English-language skills that are necessary for independent research. The applicants must have the disposition, inquisitiveness, intuition, and ethical standards that are required of an outstanding researcher.

This program is divided into a master's program and a doctoral program, we organize a systematic educational program through 5 years until the doctoral program.

## [Professional objectives]

### ●Division of Transdisciplinary Sciences

This program will foster individuals who can perceive global society's needs and trends, those who can concertedly and co-creatively contribute to innovation in science and technology based upon various scientific findings and leading science and technology.

### ●Division of Nano life Science

This program will foster researchers who persist in their inquiries with a strong eagerness to contribute to people, science, and society. They will use the world's most advanced SPM technology to apply the knowledge of atomic and molecular kinematic measurement and dynamic behavior control at the nano level to the life and material science field and develop an unexplored nano domain.

# Graduate School of Frontier Science Initiative, Kanazawa University (Master's program)

The School is recruiting students for the October 2020 and April 2021 terms (for the master's program).

## 1. Student recruitment, instructors

The October 2020 term: Division of Transdisciplinary Sciences/a few people

The October 2020 term: Division of Nano life Science/a few people

The April 2021 term: Division of Transdisciplinary Sciences /14 people

The April 2021 term: Division of Nano life Science / 6 people

Degree awarded: Division of Transdisciplinary Sciences /master (transdisciplinary sciences)

Degree awarded: Division of Nano life Science/ master (nano science)

Instructor title, name	Research field, keywords
Professor Noriko Gotoh	Stem-cell biology, cancer biology, molecular biology, molecular target, biomarker, signal transduction
Professor Chiaki Takahashi	Tumor molecular biology, cancer genetics, tumor suppressor genes, cancer metabolism
Professor Kunio Matsumoto	Biotechnology, cancer biology, cell growth factor, drug discovery, protein engineering
Professor Takeshi Suzuki	Molecular biology, functional genomics, bioinformatics, epigenetics, transcriptional regulation
Professor Hiroshi Inoue	Metabolism, physiology, dietary science, glucose metabolism, liver, insulin
Professor Makoto Sato	Neuroscience, neuroembryology, mathematical biology, brain, neural circuit, column, fruit flies, mathematical modeling
Professor Junko Sugama	Nursing science, health, nursing science and engineering, clinical research, aging, microbiome, skin care
Professor Richard Wong	Cell biology, molecular imaging, nuclear pore, super-resolution microscopy, live cell imaging
Professor Kazuma Ogawa	Nuclear medicine, radiopharmaceuticals, analytical chemistry, cancer, imaging, molecular probes
Associate Professor Mikihiro Shibata	Biophysics, nanobioscience, protein, bioimaging, atomic force microscope, high-speed AFM
Professor Motohiro Mizuno	Nanostructural chemistry, functional solid-state chemistry, nanostructural analysis, supermolecule, solid-state NMR
Professor Tetsuya Taima	Energy harvesting, organic thin-film solar cells, organic devices, molecular orientation control, nanostructure control, crystallinity control
Professor Kazuaki Ninomiya	Wood science, agricultural chemistry, biotechnology, polymer chemistry, wood biomass, biomass refinery, ionic liquid
Professor Naoki Suganuma	Mobile robots, self-driving cars, intelligent robots, motion planning
Professor Jiro Sakamoto	Design engineering, biomechanics, optimal design, material mechanics, computational mechanics, CAE, structural optimization, bone, musculoskeletal system, bio-innovative design
Professor Koichi Iiyama	Electronics, optoelectronics, measurement engineering, optical sensing, optical communication, optical fiber, wave signal processing
Professor Mie Matsui	Clinical neuropsychology, neuropsychiatry, cognitive brain science, memory, frontal lobe function, neuroplasticity, schizophrenia, cognitive rehabilitation
Professor Haruyuki Kojima	Psychology, cognitive science, psychophysics, psychophysiology, sensation, perception, cognition, behavior, brain function, virtual reality

Division of Transdisciplinary Sciences

Professor Nozomu Kawai	Archeology, cultural heritage studies, museology, Egyptian archeology, preservation and utilization of cultural heritage
Professor Masahiko Sagae	Statistical science, data mining, big data analysis, non-parametric statistics, statistical modeling

Instructor title, name	Research field, keywords
Professor Takeshi Fukuma	Nanotechnology, scanning probe microscopy, atomic and molecular resolution measurements
Professor Noriyuki Kodera	Biophysics, single-molecule measurements, high-speed atomic force microscopy
Professor Shigehisa Akine	Coordination chemistry, supramolecular chemistry, structural organic chemistry
Professor Katsuhiko Maeda	Polymer synthesis, functional polymers, molecular recognition, asymmetric recognition
Professor Kunio Matsumoto	Biotechnology, cancer biology, cell growth factor, drug discovery, protein engineering
Professor Richard Wong	Cell biology, molecular imaging, nuclear pore, super-resolution microscopy, live cell imaging
Associate Professor Yasufumi Takahashi	Scanning probe microscope, electrochemical measurement, single-cell measurement
Associate Professor Mikihiro Shibata	Biophysics, nanobioscience, protein, bioimaging, atomic force microscope, high-speed AFM
Associate Professor Hiroki Konno	Biochemistry, single-molecule measurement
Associate Professor Takahiro Nakayama	Biophysics
Associate Professor Clemens Franz	Biophysics, cell biology, atomic force microscopy
Associate Professor Satoshi Arai	Chemical Biology, molecular probes, thermodynamics, cell Engineering
Associate Professor Satoru Okuda	ES/ iPS cells, brain organoids, embryonic development, cancer, cell biology, biophysics, biomechanics, large-scale simulation, three-dimensional tissue culture
Assistant professor Kazuki Miyata	Nanotechnology, electronics, measurement and control, signal processing, atomic force microscopy, solid-liquid interfaces
Assistant professor Ayumi Sumino	Biophysics, membrane protein, high-speed atomic force microscope
Assistant professor Shinji Watanabe	Nanopipette technology, ion conductance microscopy, live cell imaging
Assistant professor Satoshi Toda	Synthetic biology, cell biology, protein engineering

Division of Nano Life Science

## 2. Application qualifications

Please make sure to contact the supervisor under whom you wish to study and obtain his/her approval before submitting an application.

### (1) For the October 2020 term

Candidates for whom the following apply:

- 1) Persons who graduated from a university set forth in Article 83 of the School Education Act (Act No. 26 of 1947) or are expected to graduate by September 30, 2020.
- 2) Persons who have received a bachelor's degree according to the provisions of Article

104, Paragraph 4 of the School Education Act, or persons expected to receive a bachelor's degree by September 30, 2020.

- 3) Persons who have completed 16 years of formal education in a foreign country or are expected to complete them by September 30, 2020.
- 4) Persons who have completed a program specifically designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution in Japan recognized by the education system of a foreign country as having programs equivalent to universities in said foreign country, or are expected to complete it by September 30, 2020.
- 5) Persons who have completed the equivalent of 16 years of formal education in a foreign country by taking correspondence courses in Japan that are offered by schools in said foreign country, or are expected to complete them by September 30, 2020.
- 6) Persons who have received a degree equivalent to a bachelor's degree by completing a program with a term of study lasting three years or longer (including completing a program by taking correspondence courses in Japan offered by schools in a foreign country, or completing a program designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution recognized by the education system of said foreign country), at a university or other school in said foreign country. This is limited to those specifically designated by the Ministry of Education, Culture, Sports, Science and Technology as having their education and research activity comprehensively evaluated by persons certified by the government of said foreign country, relevant institutions, or something similar (NOTE 1).
- 7) Persons designated by the Ministry of Education, Culture, Sports, Science and Technology.
- 8) Persons who have completed a postsecondary course at a specialized training college (limited to those with a term of study of four years or longer, or other satisfactory criteria set forth by the Ministry of Education, Culture, Sports, Science and Technology) specifically designated by the Ministry of Education, Culture, Sports, Science and Technology on or after a day set forth by them, or are expected to complete it by September 30, 2020.
- 9) Persons admitted to a university other than this graduate school as set forth in Article 102, Paragraph 2 of the School Education Act, and recognized as having academic ability suited to receiving a graduate education at this graduate school (NOTE 1).
- 10) Persons corresponding to ① to ④ below recognized by this graduate school as receiving superior grades in required credits (NOTE 1).
  - ① Persons expected to attend a university as set forth in Article 83 of the School Education Act for three years or longer by September 30, 2020 (NOTES 2 and 3).
  - ② Persons who have completed 15 years of formal education in a foreign country, or are expected to complete them by September 30, 2020.
  - ③ Persons who have completed a program specifically designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution in Japan that is recognized by the education system of a foreign country as having a 15-year program equivalent to universities in said foreign country, or are expected to



complete it by September 30, 2020.

- ④ Persons who have completed the equivalent of 15 years of formal education in a foreign country by taking correspondence courses in Japan offered by schools in said foreign country, or are expected to complete them by September 30, 2020.
- 11) Persons recognized as having the same academic ability or higher than a person set forth in Application qualifications (1) according to an individual admission application qualification review by this graduate school, and will reach the age of 22 by the time of admission (NOTE 1).

(NOTE 1) Persons wishing to apply who meet application qualification (6), (9), (10), or (11) above shall receive individual application qualification reviews prior to applying. See “3. Preliminary review of application qualifications (page 9)” below.

(NOTE 2) Application qualification (10)-① does not apply to persons transferring to university pursuant to the provisions of the School Education Act (persons who graduated from a junior college, technical college, or vocational school. Furthermore, sabbaticals are not included in periods of attendance.

In addition, the person must satisfy the following application qualification review requirements.

- (a) Persons for whom 9/10 or more of the credits earned in transcripts when applications are graded as 80% or higher, or are expected to satisfy similar performance criteria by the end of their third year.
- (b) Persons expected to earn all credits required for graduation by September 30, 2020, excluding subjects required by the end of their fourth year.

(NOTE 3) Persons admitted who have not completed their regular coursework as described in application qualification (10)-① shall no longer be considered undergraduates. Note that there are no qualifications for national or other examinations requiring graduation from a university undergraduate program (bachelor’s degree).

**(2)For the April 2021 term:**

Candidates for whom the following apply:

- 1) Persons who graduated from a university set forth in Article 83 of the School Education Act (Act No. 26 of 1947) or are expected to graduate by March 31, 2021.
- 2) Persons who have received a bachelor’s degree according to the provisions of Article 104, Paragraph 4 of the School Education Act, or persons expected to receive a bachelor’s degree by March 31, 2021.
- 3) Persons who have completed 16 years of formal education in a foreign country or are expected to complete them by March 31, 2021.
- 4) Persons who have completed a program specifically designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution in Japan recognized by the education system of a foreign country as having programs equivalent to universities in said foreign country, or are expected to complete it by March 31, 2021.
- 5) Persons who have completed the equivalent of 16 years of formal education in a foreign country by taking correspondence courses in Japan that are offered by schools in said

- foreign country, or are expected to complete them by March 31, 2021.
- 6) Persons who have received a degree equivalent to a bachelor's degree by completing a program with a term of study lasting three years or longer (including completing a program by taking correspondence courses in Japan offered by schools in a foreign country, or completing a program designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution recognized by the education system of said foreign country), at a university or other school in said foreign country. This is limited to those specifically designated by the Ministry of Education, Culture, Sports, Science and Technology as having their education and research activity comprehensively evaluated by persons certified by the government of said foreign country, relevant institutions, or something similar (NOTE 1).
  - 7) Persons designated by the Ministry of Education, Culture, Sports, Science and Technology.
  - 8) Persons who have completed a postsecondary course at a specialized training college (limited to those with a term of study of four years or longer, or other satisfactory criteria set forth by the Ministry of Education, Culture, Sports, Science and Technology) specifically designated by the Ministry of Education, Culture, Sports, Science and Technology on or after a day set forth by them, or are expected to complete it by March 31, 2021.
  - 9) Persons admitted to a university other than this graduate school as set forth in Article 102, Paragraph 2 of the School Education Act, and recognized as having academic ability suited to receiving a graduate education at this graduate school (NOTE 1).
  - 10) Persons corresponding to ① to ④ below recognized by this graduate school as receiving superior grades in required credits (NOTE 1).
    - ① Persons expected to attend a university as set forth in Article 83 of the School Education Act for three years or longer by March 31, 2021 (NOTES 2 and 3).
    - ② Persons who have completed 15 years of formal education in a foreign country, or are expected to complete them by March 31, 2021.
    - ③ Persons who have completed a program specifically designated by the Ministry of Education, Culture, Sports, Science and Technology at an educational institution in Japan that is recognized by the education system of a foreign country as having a 15-year program equivalent to universities in said foreign country, or are expected to complete it by March 31, 2021.
    - ④ Persons who have completed the equivalent of 15 years of formal education in a foreign country by taking correspondence courses in Japan offered by schools in said foreign country, or are expected to complete them by March 31, 2021.
  - 11) Persons recognized as having the same academic ability or higher than a person set forth in Application qualifications (1) according to an individual admission application qualification review by this graduate school, and will reach the age of 22 by the time of admission (NOTE 1).

(NOTE 1) Persons wishing to apply who meet application qualification (6), (9), (10), or (11) above shall receive individual application qualification reviews prior to applying. See “3. Preliminary review of application qualifications (page 9)” below.

(NOTE 2) Application qualification (10)-① does not apply to persons transferring to university pursuant to the provisions of the School Education Act (persons who graduated from a junior college, technical college, or vocational school. Furthermore, sabbaticals are not included in periods of attendance.

In addition, the person must satisfy the following application qualification review requirements.

(c) Persons for whom 9/10 or more of the credits earned in transcripts when applications are graded as 80% or higher, or are expected to satisfy similar performance criteria by the end of their third year.

(d) Persons expected to earn all credits required for graduation by March 31, 2021, excluding subjects required by the end of their fourth year.

(NOTE 3) Persons admitted who have not completed their regular coursework as described in application qualification (10)-① shall no longer be considered undergraduates. Note that there are no qualifications for national or other examinations requiring graduation from a university undergraduate program (bachelor’s degree).

### 3. Preliminary review of application qualifications

Persons wishing to apply who satisfy qualifications (6), (9), (10), or (11) in “2. Application qualifications (pages 5-9)” shall receive an application qualification review prior to applying.

#### (1) Application documents

① Documents, etc. per “4.(2) Application documents, etc. (pages 10–13).” Pay entrance examination fee after confirmation of application qualifications according to notification of the results of the application qualification review, and submit the entrance examination fee payment certificate (for submission) within the application period. Please mail or hand deliver the preliminary review of application qualification documents.

② Documents applying only to persons applying according to (10)-① in “2. Application qualifications (pages 5-9)”

a. Letter of recommendation (No specified form. Sealed. Written by the relevant instructor and certified by the President or Dean.)

b. Course catalog, etc. (Includes list of class content. Not required for persons currently attending Kanazawa University.)

c. Certificate of enrollment (Clearly indicates sabbaticals. Not required for persons currently attending Kanazawa University.)

#### (2) Application period

May 25 (Mon) to 29 (Fri), 2020

NOTE: Reception time is 9:00 am to 4:30 pm.

Mailed applications must be received by the last day of the application period (Express registered mail dated by the sending office on the day before the last day of the period will be accepted).

(3) Place of Submission

Graduate School of Frontier Science Initiative Affairs Section, Student Affairs Division,  
Student Affairs Department, Kanazawa University

Kakuma-machi, Kanazawa-shi 920-1192  
TEL: 076-264-5971

NOTE: When mailing, be sure to write **“Express Registered mail”** and **“Documents for Graduate School of Frontier Science Initiative master’s program application qualifications review enclosed”** on the envelope.

(4) Review results

Applicants shall be notified of review results by mail.

Approved persons pay the entrance examination fee and submit the entrance examination fee payment certificate (for submission) within the application period. Submission of the entrance examination fee payment certificate (for submission) will complete the application procedure.

Furthermore, there is no need to re-submit application documents other than the entrance examination fee payment certificate (for submission).

#### 4. Application procedure

(1) Application method

Applications may be submitted by mail or hand delivered to the office. When mailing application documents, account for possible mail delays to ensure they arrive within the application period. In addition, it is not possible to provide confirmation of receipt of “4. (2) Application documents, etc. (pages 10-13)” Use tracking services such as those available on the Japan Post home page for confirmation. Overseas residents can check “12. Inquiries (page 19)” by June 5, 2020 (Fri). Specific instructions can be found there.

In addition, we are currently considering changing the application method to the web application method. Details will be posted on the website before application, so please be sure to check.

Kanazawa University website> English > Study > Graduate

Graduate School of Frontier Science Initiative website:

<https://gsinfinity.w3.kanazawa-u.ac.jp/>

(2) Application documents, etc.

Stamp and complete required forms by hand after downloading them from this graduate school’s website. And, we accept input by a personal computer. Furthermore, if you fill in by hand, use a black pen or ballpoint pen (Do not use anything erasable or something that may fade with time).

Kanazawa University website> English > Study > Graduate

Graduate School of Frontier Science Initiative website:

<https://gsinfinity.w3.kanazawa-u.ac.jp/>

Applicants must submit all of the application documents in the table below to “4. (4) Place of Submission (page 13). Furthermore, in the event that it is not possible to obtain all of the documents by the submission deadline due to earthquake, typhoon or other natural disaster, consult “12. Inquiries (page 19).”

①	Application form, photo, examination admission ticket [Form1]	Fill out required fields in Form 1 by hand. Attach a photograph (4 cm tall x 3 cm wide photo of upper body, no hat, front view, no background, taken three months or less prior to applying, not photoshopped) to the place designated for the photo. In addition, always attach “Entrance examination fee payment certificate (for submission)” to the designated place on the back of the application form (excluding Japanese government- sponsored foreign students).
②	Transcripts	Submit the certificates issued by the dean or department chair of the graduating school, the dean of the graduating junior college, the dean of the technical college, or school principal.  If graduation (completion) or expected graduation (completion) is included in academic transcripts, no certificate of (completion) graduation or certificate of expected (completion) graduation needs to be submitted.
③	Certificate of (completion) graduation or Certificate of expected (completion) graduation	NOTE 1. Persons who have completed (or are expected to complete) an advanced junior college course or advanced technical college course submit certificates for both advanced and regular courses.  NOTE 2. Persons who have completed (or are expected to complete) studies at a foreign school submit certificates prepared in Japanese or English.
④	Entrance examination fee payment certificate (for submission)  NOTE: Japanese government-sponsored foreign students are not required to pay entrance examination fee.	30,000 yen entrance examination fee <Payment method> Payments are to be made only by bank transfer. Fill out the required fields in the transfer request form attached to these guidelines, and then make transfers from a financial institution capable of handling wire transfers (bank, credit association, credit union, agricultural cooperative, fishery cooperative). Transfers cannot be made from Japan Post Bank or the post office. Transfer fees are the responsibility of applicants. However, transfers from the main branch of Hokuriku Bank do not require fees. After transfer, confirm that the form has received a receipt stamp from the transferring financial institution, and attach the “Entrance examination fee payment certificate (for submission)” to the designated place on the back of the application form. Carefully save “Receipt (applicant copy).”  NOTE 1. Make transfers prior to the end of the business day at a financial institution. In addition, note that financial institutions are closed on weekends and holidays.  NOTE 2. Do not make transfers via an ATM (automatic teller machine), mobile phone, or personal computer. After application documents are received, entrance examination fees will not be refunded for any reason. However, refund procedures are available if an applicant does not apply after transfer of the entrance examination fee. Contact the office below by February 26, 2021 (Friday) in such instances. Furthermore, “Receipt (applicant copy)” and “Entrance examination fee payment certificate (for submission)” are required for refund procedures.  Contact: Revenue and Expenditure Section, Financial Management Division, Finance Department Kakuma-machi, Kanazawa-shi 920-1192

		TEL: 076-264-5066
⑤	Examination admission ticket return envelope	Attach a 374-yen stamp (express mail) to a long No. 3 envelope and clearly write your postal number, address, and name.
⑥	Essay [Form 2-① , 2-② and 2-③]	<p>●Division of Transdisciplinary Sciences</p> <p>Question ①: “What I would like to study after enrolling in this school.” [Form 2-①]</p> <p>Question ②: “ My thoughts on interdisciplinary studies.” [Form 2-②]</p> <ul style="list-style-type: none"> <li>• Write a 1,000 Japanese character or 600 English word essay in response to each question.</li> <li>• You can download essay forms from the website of this graduate school and fill in with a personal computer or word processor.</li> </ul> <p>(Do not attach additional material).</p> <p>●Division of Nano Life Science</p> <p>Question: “What kind of research activities have you done (including before entering graduate school)</p> <p>What kind of research do you want to work on after entering graduate school.” [Form 2-③]</p> <ul style="list-style-type: none"> <li>• Write a 2,000 Japanese character or 1,000 English word essay in response to question.</li> <li>• You can download essay forms from the website of this graduate school and fill in with a personal computer or word processor.</li> <li>• Allows insertion of figures, etc.(Up to 2).</li> </ul>

NOTE: Only applicable persons need to submit the following.		
⑦	Research or development work summary, etc., or a work experience summary (No specified form)	Persons submitting documents per qualification (11) in “2. Application qualifications (pages 5–9)” must submit a “Research or development work summary” or a “Work experience summary” (A4 paper, 3 pages or less.)

⑧	Bachelor's degree certificate, etc.	<p>Persons applying according to qualification (2) in “2. Application qualifications (pages 5–9)” must submit the following items.</p> <p>[Degree-holding applicants]</p> <ul style="list-style-type: none"> <li>○ Degree certificates issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> </ul> <p>[Applicants applying to receive degree]</p> <ul style="list-style-type: none"> <li>○ Certificate of degree application acceptance issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> </ul> <p>[Applicants intending to apply for a degree]</p> <ul style="list-style-type: none"> <li>○ Certificate of intent to apply for degree prepared by dean of junior college, dean of technical college, or principal (No specified form)</li> </ul> <p>NOTE: Persons applying according to qualification (2) in “2. Application qualifications (pages 5–9)” who passed the selection examination of this graduate school—if they have not applied for a degree and have not otherwise received a bachelor's degree—must ask the dean of their junior college, dean of their technical college, or principal to promptly notify the dean of Kanazawa University thereof.</p>
⑨	Examination Permission [Form 3]	<p>If you plan to enroll without leaving your job at a government agency, company, or organization, etc., please submit an examination permit issued by the head of your department (or your leader). If you cannot submit such a permit at the time of application, you will be asked to submit a written approval at the time of enrollment. If there is any question, please contact the administrative office under the “12. Inquiries” (page 19) before the application deadline. A personal computer may be used for composing the report. (Supplementary documents cannot be attached.)</p>
⑩	Passport copy	<p>Foreign applicants present a copy of their passport (page showing their name). In addition, persons residing in Japan when applying must also include a copy of their residence card (front and back).</p>
⑪	Residence card copy	
⑫	Family register abstract, etc.	<p>If the name on certificates or other documents is different due to a name change, attach documentation with proof of name change (family register abstract, etc.)</p>

(3) Application period

Monday, June 15 to Friday, June 19, 2020 (no later than final date)

NOTE: Reception time is 9:00 am to 4:30 pm

Mailed applications must be received by the last day of the application period (Express registered mail dated by the sending office on the day before the last day of the period will be accepted).

However, persons for whom qualifications (6), (9), (10), or (11) in “2. Application qualifications (pages 5–9)” apply will receive an application qualification review according

to the procedure in “3. Preliminary review of application qualifications (pages 9-10).”

(4) Place of Submission

Graduate School of Frontier Science Initiative Affairs Section, Student Affairs Division,  
Student Affairs Department, Kanazawa University

Kakuma-machi, Kanazawa-shi 920-1192  
TEL: 076-264-5971

NOTE: When mailing, be sure to write **“Express Mail Registered”** and **“Documents for Graduate School of Frontier Science Initiative master’s program application form enclosed”** on the envelope.

(5) Notes when applying and taking the test

- ① When applying to this graduate school, always contact the desired supervisor to obtain their approval for acceptance prior to applying (or before applying for application qualification certification).
- ② Check that there are no omissions in any documents. Application documents may not be accepted if anything is missing.
- ③ Admission may be cancelled if there are any improper entries in application documents.
- ④ Important information on examination (appointment times, examination room, etc.) is sent together with the examination admission ticket.

(6) Preliminary consultation for persons with disabilities, etc.

Applicants with disabilities or those who require special considerations for examinations or study must submit the following documents according to “12. Inquiries (page 19)” by Friday, May 22, 2020 and consult prior to applying.

- ① Written preliminary consultation (no specified form; including the following information)
  - Name
  - Type and degree of disability
  - Information on special considerations desired for examinations and study
  - Considerations offered by universities, etc.
  - Daily activity status
  - Other relevant information
- ② Doctor’s diagnosis
- ③ Other reference documents (copy of disability certificate, etc.)

(7) Other

Persons expected to graduate or study when applying based on qualifications who have previously received a degree from this graduate school must submit a graduation or completion certificate to the Graduate School of Frontier Science Initiative Affairs Section, Student Affairs Division, Student Affairs Department, Kanazawa University during the admission process.

## 5. Admission selection

(1) Test dates and locations



Date	Examination subject	Examination location
Saturday, July 18, 2020	Oral presentation	Natural Science and Technology Library, Kakuma Campus, Kanazawa University
	Interview	
	Oral examination	

NOTE: Notification of examination candidate meeting times and examination times are given when examination admission tickets are sent.

NOTE: Dates for persons residing overseas are between Monday, July 13, 2020 and Saturday, July 18, 2020. In addition, examinations may be held at a location other than the Natural Science and Technology Library on the Kakuma Campus of Kanazawa University.

## (2) Selection method

Examinations take about 30 minutes and are conducted for each examinee according to the interview method below.

### ● Division of Transdisciplinary Sciences

#### ① Oral presentation

Oral presentation of essay submitted when applying

- Oral presentation time is 10 minutes or less for both question responses
- During presentation, examinees may use handheld paper manuscript but can not distribute materials or use any equipment.

#### ② Interview

Question-and-answer session on presented content and research activities during bachelor's program (Those with professional experience may be asked about work experience.)

#### ③ Oral examination

Applicants shall be notified when examination admission tickets are sent for specific fields in which they will receive oral questioning about basic content required to receive guidance from preferred supervisor.

### ● Division of Nano life Science

#### ① Oral presentation

Oral presentation of essay submitted when applying

- Oral presentation time is 10 minutes or less.
- During presentation, examinees may use handheld paper manuscript.
- Allows to bring up to 3 pages of A4 size explanatory materials into the test room. The material can be projected on the screen in the test room. Not allows to distribute materials or use any equipment. Candidates residing overseas will be instructed separately.

#### ② Interview

Question-and-answer session on presented content and research activities during bachelor's program (Those with professional experience may be asked about work experience.)

#### ③ Oral examination

Applicants shall be notified when examination admission tickets are sent for specific fields in which they will receive oral questioning about basic content required to receive guidance from preferred supervisor.

## (3) Acceptance/Rejection criteria and evaluation criteria

Essays, oral presentations, interviews, and oral examination results will be comprehensively evaluated with an emphasis on basic expertise in fields studied during bachelor's program and sincere intent to create new value through interdisciplinary fusion for candidate of Division of Transdisciplinary Sciences, sincere intent to Nano life Science research for candidate of Division of Nano life Science.

(4) Exceptions for overseas residents

If residing overseas and traveling to Japan on the examination date becomes difficult due to unforeseen circumstances, examinations may be conducted online. Consult “12. Inquiries (page 19)” by Friday, June 5, 2020.

## 6. Announcement of successful applicants

Around 10:00 am [JST], Friday, August 7, 2020.

The examinee's number of passing applicants shall be posted on the website of Kanazawa University (Graduate School of Frontier Science Initiative), and applicants shall also be notified by mail. Inquiries by phone or other means regarding the results will not be answered.

Kanazawa University website> English > Study > Graduate

Graduate School of Frontier Science Initiative website:

<https://gsinfiniti.w3.kanazawa-u.ac.jp/>

## 7. Admission procedures, etc.

(1) Admission procedures

Mid-March 2021 (details to be sent by mid-February 2021)

NOTE: Examination admission tickets are required during admission procedures. Please save them carefully after examinations have ended.

(2) Required expenses at the time of admission

- Tuition payments, etc.

Admission fee: 282,000 yen (estimated).

Half-term tuition: 267,900 yen (estimated). Annual: 535,800 yen (estimated).

NOTE: The above payment amounts are estimations. If admission fee or tuition are revised at admission or during attendance, the new admission fee and new tuition shall be applied after revision.

NOTE: Not required for Japanese government-sponsored foreign exchange students.

- Personal Accident Insurance for Students Pursuing Education and Research  
Personal Accident Insurance for Students Pursuing Education and Research ("Gakkensai")      2 years 1,750 yen (estimated)  
Liability Insurance coupled with "Gakkensai" ("Futaibaiseki")      2 years 680 yen (estimated)

NOTE: Payments must be made by transfer during the admission procedure.

## 8. On the Use of Personal Information

Kanazawa University has established regulations on personal information management to properly manage and protect the information it holds.

All personal information that the University obtained during the candidate selection process and all personal information included in the documents submitted as in the enrollment process will be used for the following purposes:

1. Operations related to candidate selection and enrollment
2. Operations related to enrollment management, study instructions, and health management such as medical examinations after admission
3. Operations related to on-campus services such as the University's portal site, campus LAN, library, and borrowing library books after enrollment
4. Operations related to academic support, such as entrance-fee waivers, tuition waivers, and

the selection of scholarship recipients

5. Operations related to the payment of entrance fees, tuition, and the operations of the financial institution to which the University outsources payment collection
6. Investigation and research related to candidate selection conducted in such a way that no particular individuals can be identified
7. Operations related to PR targeting students and their families, and related to fund (donation)
8. Operations related to outcome assessments for the graduates and those related to alumni relations, and the information services through Kanazawa University
9. Statistical work conducted in such a way that no particular individuals can be identified

## 9. Financial support system

### (1) Admission fee exemptions

Persons for whom any of the following reasons apply when requesting admission fee exemptions shall be exempt from full or half admission fee upon screening. Check the university admission procedure guidelines sent after successfully applying for details of application method.

- ① Persons applying to the university for whom payment of admission fee is difficult for financial reasons and who have been recognized as having superior academic ability.
- ② Persons with significant difficulty in paying admission fee due to the death of their primary financial supporters, or either themselves or their primary financial supporters have been affected by a natural disaster within one year prior to admission.

Any inquiries regarding applying for admission fee exemptions should be made to the following:

Student Support Section, Student Support Division, Student Affairs Department  
Kakuma-machi, Kanazawa-shi 920-1192  
TEL: 076-264-5164

### (2) Tuition exemptions

Persons for whom any of the following reasons apply who are requesting tuition exemptions shall be exempt from full, half, or partial tuition for a term of payment upon screening. Check the university admission procedure guidelines sent after successfully applying for additional details of the application method.

- ① Persons for whom payment of tuition is difficult for financial reasons who have been recognized as having superior academic ability.
- ② Persons with significant difficulty in paying tuition due to the death of their primary financial supporter, or either themselves or their primary financial supporters have been affected by a natural disaster within one year prior to admission or before entering university.

Any inquiries regarding application for tuition exemptions should be made to the following:

Student Support Section, Student Support Division, Student Affairs Department  
Kakuma-machi, Kanazawa-shi 920-1192  
TEL: 076-264-5164

### (3) Scholarship

- ① Scholarship system of the Graduate School of Frontier Science Initiative

The Graduate School of Frontier Science Initiative provides its own grant scholarship program for persons who are pledging to advance to the doctoral program, not an employee and

received a recommendation from the supervisor. Those enrolled in the master's program receive 50,000 yen per month. Those who proceed to the doctoral program will receive 100,000 yen per month. Check the website of this graduate school for details.

Kanazawa University website> English > Study > Graduate  
Graduate School of Frontier Science Initiative website:  
<https://gsinfiniti.w3.kanazawa-u.ac.jp/>

② Scholarships of Japan Student Services Organization, private education organizations and so on

Scholarships supervised by the Japan Student Services Organization, prefectures, municipalities, private education organizations and so on, includes both scholarship loans that must be repaid after completion of studies and grant scholarships that do not require repayment. Check the website of each organization for details.

③ Scholarship system for foreign students of Kanazawa University

Kanazawa University provides its own scholarship system for foreign students. Check the following website for details.

Kanazawa University website:  
<http://www.adm.kanazawa-u.ac.jp/ie/j/abroad/scholarship.html>

## 10. Distinctive Educational Programs at Kanazawa University

### (1) WISE Program for Nano-Precision Medicine, Science, and Technology

Kanazawa University has started "WISE Program for Nano-Precision Medicine, Science, and Technology" in Graduate School of Natural Science and Technology, Graduate School of Medical Sciences, Graduate school of Advanced Preventive Medical Sciences and Graduate School of Frontier Science Initiative are participating in this program.

This program develops doctoral human resources who learned how to apply the latest nano analysis technology possessed by the Nano Life Science Institute (NanoLSI) to medical, pharmaceutical and health sciences and science and engineering and can make innovations to build a human health base.

Program students will be selected from those who have passed the graduate school entrance examination. Kanazawa University funds a scholarship (Master's course: 50,000JPY/month, Doctoral course: 100,000JPY/month) and exempts admission and tuition fees for program students.

Please check the website for details of this program. In addition, if you register in the form, we will distribute information such as application guidelines, pre-lectures and seminars.

Program Web Site



Registration form



## (2) Employment Promotion Program for International Students

### Hokuriku-Shinshu Employment Promotion Program for International Students

Why don't you consider working and building your career in Japan?

Among those who took this program, all students who wish to work in Japan have received job offers from Japanese companies.

Kanazawa University offers the program, which is financially supported by the Ministry of Education, Culture, Sports, Science and Technology under "Employment Promotion Program for International Students" policy. This program is an appended education program with a focus on business Japanese, career education and internships in Japanese companies for international students who are interested in working in Japan. By taking this program, students can acquire not only advanced expertise or skills but also deep understanding of Japanese corporate culture and regional characteristics. Through this, we have developed highly-skilled professionals who are flexible and mentally strong and root themselves in the community. They lead Japanese economic development, especially energizing industries in the Hokuriku and Shinshu regions.

This program has been published in *The Financial Times*, one of the most prestigious British economic newspapers. An orientation meeting on the program is to be held in April and October at the time of enrollment periods. The exact dates will be announced after your enrollment. We look forward to your active participation.

## 11. Important notices for applicants to Division of Transdisciplinary Sciences

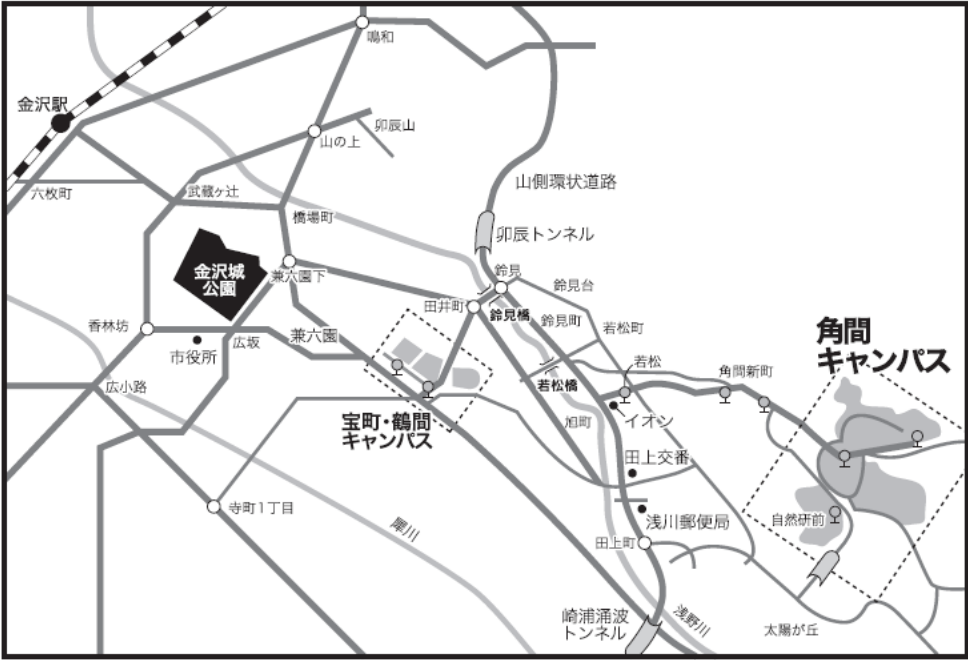
Division of Transdisciplinary Sciences is offered jointly with Japan Advanced Institute of Science and Technology (JAIST). The applicants should be aware of the following:

- Students will enroll in the university to which their principal research instructor (the dedicated instructor who primarily provides research instructions) belongs. They will receive instructions from the supervisor of the university to which they belong, and from other instructors, including the vice supervisor at the other university. Students belonging to this University will have as the supervisor one of the instructors listed under "1. Student recruitment, instructors" (pages 4-5).
- Those who have completed the required curriculum at this University will be awarded a master degree (in transdisciplinary sciences) jointly by this University and JAIST. As a requirement for the program, students must earn at least 10 credits at JAIST.
- For classes offered by JAIST, students, in principle, must attend the JAIST campus. However, we have adopted a mechanism to help reduce commuting by using a distance-learning media platform to deliver lectures and by holding intensive lectures.
- Students belonging to this University may use JAIST facilities, such as a library. However, there may be certain restrictions placed on the use of some facilities.
- As for an application and examination, applicants must send an application to the university where the principal instructor under whom they wish to study belongs. They will take an entrance examination of that university and enroll in that university. If they apply to this University, take an examination, and enroll, the tuition must be paid to this University. Other procedures, such as scholarship applications, must also go through the University, to which the students belong.
- Division of Transdisciplinary Sciences is a single program operated by two constituent universities. For this reason, if applicants have completed the admission procedure of one of the universities, they cannot do the admission procedure in the other university even if they pass an entrance examination of the other university.

## 12. Inquiries

Graduate School of Frontier Science Initiative Affairs Section,  
Student Affairs Division, Student Affairs Department, Kanazawa University  
Kakuma-machi, Kanazawa-shi 920-1192  
T E L : 076-264-5971 E-mail: s-yugo@adm.kanazawa-u.ac.jp  
U R L: <https://gsinfiniti.w3.kanazawa-u.ac.jp/>

Map of Kanazawa University Kakuma Campus



- Access from Kanazawa Station to Kanazawa University Kakuma Campus (using Hokuriku Railway Bus)  
<Bus stop: Kanazawa Daigaku Shizen Ken Mae, Kanazawa Daigaku Chuo, or Kanazawa Daigaku>

Kanazawa Station Kenrokuen Guchi (East Exist) No. 6 bus terminal  
91 (only on weekdays), 93, 94, 97 (for Kanazawa Daigaku) (via Kenrokuen Shita).

- Access from Kanazawa Station to Kanazawa University Takaramachi/ Tsuruma Campus (using Hokuriku Rail Bus)  
<Bus stop: Kodatsuno>

Kanazawa Station Kenrokuen Guchi (East Exist) No. 7 bus terminal  
11 Tobu Shako, Kanazawa Gakuin Daigaku, Kanazawa Daigaku Fuzoku Byoin  
12 Hokuriku Daigaku, Yuwaku Onsen (via Kodatsuno)

Kanazawa Station Kenrokuen Guchi (East Exist) No. 6 bus terminal  
13 Yudanihara/Iozen 14 Tagami Jutaku (via Kinsho)

Kanazawa Station Kanazawa Port Exist (West Exist) No. 5 bus terminal  
10/11 Tobu Shako/Kanazawa Daigaku

For details, check the University website.

Kanazawa University website:  
<https://www.kanazawa-u.ac.jp/e/directions>