



Kanazawa University

Graduate School of Natural Science and Technology

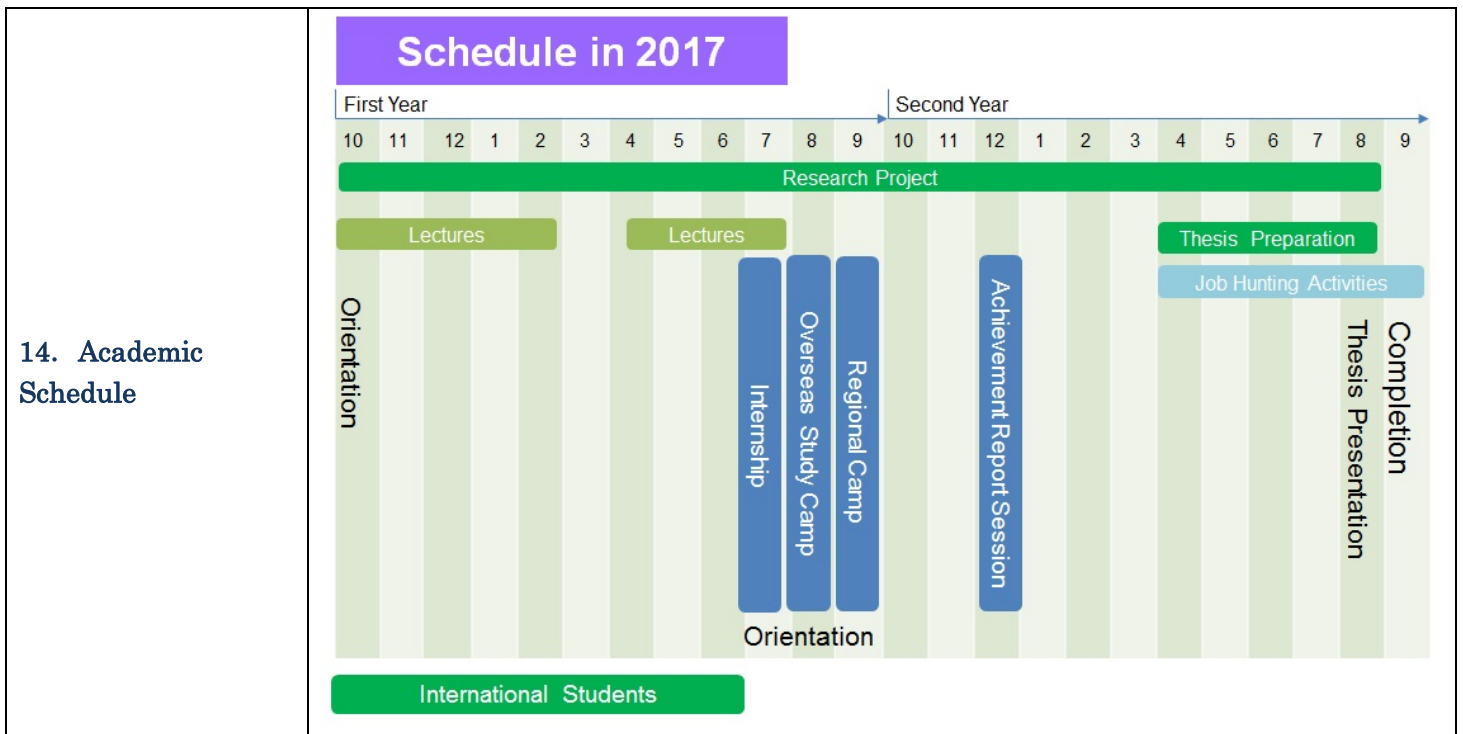
Graduate School code: 13

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

1. Graduate School code	13	
2. Maximum number of participants	2 participants per year	
3. Fields of Study	Science, Engineering	
Sub Fields	Environmental Engineering	
4. Program and Degree	<b>Program</b>	Environmental Technology International Course (ETIC)
	<b>Degree</b>	Master (Science, Engineering, Philosophy)
5. Standard time table (Years needed for graduation)	2 years as a Master's Student OR Starting as a Research Student up to 6 months, then 2 years as a Master's Student after passing the exam	
6. Language of Program	(1) Lecture: English (2) Textbook: English (3) Laboratory work: English (4) Seminar: English (5) Field work: If guest speakers speak only Japanese, the lectures will be held in Japanese with English translation.	
7. Desirable English level and Necessary Academic background	<b>Linguistic Ability</b>	TOEIC 700 or more, TOEFL-iBT 76 or more, TOEFL-PBT 540 or more are preferable
	<b>EJU, IELTS, GRE or else</b>	IELTS Overall Band Score of 6.0 or more OR at least 16 years academic background or equivalent
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	<p>Prior to application, please contact the following division in order to confirm if this program matches with your field of study.</p> <p>*Graduate School Affairs Section, Student Affairs Division, Science and Engineering Administration Department, Graduate School of Natural Science and Technology, Kanazawa University *Phone: +81-76-234-6853 Fax: +81-76-234-6844 *E-mail: eticku@adm.kanazawa-u.ac.jp</p> <p>Please provide the following information,</p> <ol style="list-style-type: none"> <li>1. Name</li> <li>2. Contact information (e-mail)</li> <li>3. Nationality</li> <li>4. Gender</li> <li>5. Field of Study / your intended field of specialization at Kanazawa University</li> <li>6. Your preference for supervisor (In case your prospective supervisor has not been chosen, we will help to confirm.)</li> </ol>	

9. Website	<a href="http://www.nst.kanazawa-u.ac.jp/etic/english/">http://www.nst.kanazawa-u.ac.jp/etic/english/</a>	
10. Professors and Associated Professors	Name	Research Subject, Contact (e-mail), Special message for the Future students
		*Please refer to the Attachment1 “List of Faculty members of ETIC.”
11. Features of University	<p>Kanazawa University is located in Kanazawa, the prefectural capital of Ishikawa Prefecture and a city with more than 400 years of history that rivals Kyoto for its rich heritage of traditional Japanese culture.</p> <p>Kanazawa University was founded in 1862 as the Kaga Domain's smallpox prevention and treatment center, and 2012 marks 150 years of proud history and tradition for the institute. In April 2008, the university reorganized the previous academic structure of eight faculties and 25 departments into three colleges and 16 schools. This new structure gives students greater flexibility and freedom in their studies, and creates a wide range of options for getting the most out of their time at university.</p> 	
12. Features of Graduate School	<p><b>&lt;Graduate School of Natural Science and Technology&gt;</b></p> <p>In the Master's Level section, the Integrated Course at the Graduate School of Natural Science and Technology aims to nurture researchers and technicians equipped with comprehensive and interdisciplinary skills. Each division is designed to offer students wide-ranging general knowledge as well as highly specialized knowledge and comprehensive viewpoint. A wide variety of courses are provided in fields other than their major, which are related to their research.</p> <p>To promote expertise in science and technology, the Ministry of Education, Culture, Sports, Science and Technology established an internship program in 2005. Since then, students have been placed in companies to acquire practical skills.</p> <p>Please refer to the website for more details.  <a href="http://www.nst.kanazawa-u.ac.jp/eng/master/top.html">http://www.nst.kanazawa-u.ac.jp/eng/master/top.html</a></p>	
13. Features and Curriculum of Program	<p>This program provides the curriculum as follows.</p> <ul style="list-style-type: none"> <li>➢ <b>&lt;Basic Subjects on Environmental Technology&gt;</b> for students to learn importance of environmental protection for sustainable society</li> <li>➢ <b>&lt;Special Subjects on Environmental Technology&gt;</b> for advanced knowledge on environmental technologies</li> <li>➢ <b>&lt;Field Studies&gt;</b> for development of international communication skills, problem exploration and solution suggestion abilities</li> <li>➢ <b>&lt;Thesis Research (Master's Thesis)&gt;</b> for demonstration of the developed ability to solve practical issues</li> </ul> <p><b>Basic Subjects:</b>  <b>&lt;Language&gt;</b>( Elective)</p> <p>Language courses by native English speakers are provided for fostering international communication skills and for understanding the technical terms. Japanese language classes are provided for international students to deepen their</p>	

	<p>understanding of Japanese society and culture.</p> <p><u>Subjects: English for Environmental Science and Technology, Advanced English for Environmental Science and Technology, Basic Japanese</u></p> <p><b>&lt;Basic Subjects on Environmental &gt;</b></p> <p>Providing lectures in the field of humanities, science and engineering, medical, pharmaceutical and health sciences related to the environment, and training a bird's-eye view skill based on a wide range of knowledge and abilities.</p> <p><u>Subjects: Introduction to Environmental Engineering (Mandatory), Environment and Health, Environment and Sustainable Society, Environmental Thoughts and Sustainable Societies (Elective)</u></p> <p><b>&lt;Special Subjects on Environmental Technology&gt; (Mandatory Course Groups)</b></p> <p>By setting and choosing classes specialized for each major; the deeper expertise knowledge is fostered. Lectures and seminars on advanced topics related to environment and energy, offered by the relevant department.</p> <p>Pacific-LEADS students select their courses from fields related to air, water, soil and waste issues to gain specialized knowledge and skills that are in great demand in Pacific islands.</p> <p><u>Subjects: Atmospheric Environment Courses (4 subjects), Water and Soil Environment Courses (5 subjects), Waste Management Courses (5 subjects), Energy Courses (4 subjects)</u></p> <p><b>Field Practice:</b> Enhancement of skills in communication, problem identifying and solving, and application</p> <p><b>&lt;Environmental Technology Regional Training&gt; (Mandatory):</b></p> <p>Pacific-LEADS students will gain knowledge about the relationship between humans and nature, the relationship between technologies and the culture of local residents, the application of technology, and its impact on the society, etc. Lectures and facility tours will be provided in regard to the efforts of environmental technology and environmental protection in local governments and private sector (public infrastructure-related, such as a power company). In addition, group discussion will be carried out based on above.</p> <p><b>&lt;Environmental Technological Overseas Training&gt; (Elective):</b></p> <p>Thanks to cooperation with foreign universities and experiencing the state of the environment in the country, Pacific-LEADS students will find their theme. Through exchanges with students of the partner university, they will acquire the sense of internationality. The training is scheduled in Korea in 2016.</p> <p><b>&lt;Environmental Technology Internship&gt; (Elective):</b></p> <p>In environment-related companies, an internship will be carried out to make Pacific-LEADS students feel the Japanese technology, and to develop their problem-solving skill.</p> <p><b>Environmental Technology Thesis Research / Thesis Writing Support:</b></p> <p><b>&lt;Research and Master's thesis&gt;</b></p> <p>There is a multiple instruction system which two or more instructors with different areas of specialty give lectures. Since master's thesis will be written in English, the thesis writing method and presentation method will be acquired by making presentations and reading several papers in the seminar. There is no problem in the environment for thesis writing by being provided computers to those who require for writing papers.</p>
--	--



**14. Academic Schedule**

**15. Supporting service to International Students**

**International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.**

Kanazawa University provides international students with a variety of support so that they can pursue their studies with a sense of reassurance.

- [Tutor system](#) : Tutors are Japanese students who offer many kinds of support to international students including in their studies, daily life, and interpersonal relationships.
- [Japanese Language and Culture Program \(Kanazawa University International Student Center\)](#) : The Kanazawa University International Student Center conducts a program on Japanese language and culture. It also supports international students by giving advice on life in Japan.
- [Health Care \(Kanazawa University Health Service Center\)](#) : To ensure the ongoing health of international students, counseling is also held once a week for international students where they can discuss their fears or concerns on health issues with a physician and receive advice.
- [Employment Support \(Employment Support Office\)](#) : The Employment Support Office is always available to discuss anything related to employment-seeking activities and offers detailed support from checking job entry sheets to holding mock interviews.

Please refer to the website for more details.  
<http://www.adm.kanazawa-u.ac.jp/ie/e/abroad/support.html>

**Provision of Student Dormitory**

The Kanazawa University Co-op (Kanazawa University Student Co-operative Union) handles a large number of tenements such as apartments and condominiums, and introduces such housing facilities to the students. It has ties to almost all of the real estate agencies located around the university, making it very convenient when you look for a place to live. For international students who have decided to come to Kanazawa University, the university will also offer support such as looking for a place for them to live and helping in the procedures necessary to sign the lease.

**Dormitories:** 3 dormitories are available for new incoming international students. (Basically, the period of residence is no longer than 6 months in order to secure for new comers.)



**1. Kanazawa University Student Dormitory "HOKUMEI"**

This is a share house type dormitory located on the Kakuma Campus and is available for 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: Singles (5 students share 1 unit)

**2. Kanazawa University Student/International Student Dormitory "SAKIGAKE"**

[http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm\\_sakigake.pdf](http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm_sakigake.pdf)

This is a share house type dormitory located on the Kakuma Campus and is available for 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)

**3. Kanazawa University International House**

[http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm\\_kokuryu.pdf](http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm_kokuryu.pdf)

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

- Number of rooms: 63
- Occupancy: **Single use**

**4. Annex of Kanazawa University International House**

[http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm\\_annex.pdf](http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/pdf/dorm_annex.pdf)

This is located on the 30-40 minutes distance by bus from Kakuma Campus, and is available for male international students.

- Number of rooms: 10
- Occupancy: Single use, **male only**
- Other terms are according to Kanazawa University International House

**Apartments**

Almost all international students live in private apartment houses. The rent differs according to the location and the size of the room. You should be aware that you will have to pay a deposit (shiki-kin) and key money (rei-kin) in most cases when moving in, making it necessary to have a substantial amount of money on hand in the beginning. Compared to large metropolises such as Tokyo or Kyoto, apartments can be leased for more reasonable fees in Kanazawa. The average size and rent for rooms in Kanazawa are as follows.

- 46,000 yen/month
- 8.8-jo (approx. 14.30 square meters)
- \* Common service fee is not included
- \* Electricity, gas, and water fees are not included

<http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/housing.html>



<p><b>Japanese Language Education Program for International Students</b></p>	<p>The Integrated Japanese Language Program (IJLP) started in the autumn semester of 1998. It offers supplementary Japanese classes to our undergraduate and graduate students. In general, all international students enrolled at Kanazawa University are eligible for this course, which is held in the spring (April - September) and autumn (October - March) semesters. It offers a wide range of classes that cater to all levels of Japanese language ability, from beginners to advanced students.</p> <p>The aim of the IJLP is to improve students' Japanese language ability to help them fit into university and life in Japan.</p> <p><a href="http://www-isc.ge.kanazawa-u.ac.jp/eg/program/IJC/index.html">http://www-isc.ge.kanazawa-u.ac.jp/eg/program/IJC/index.html</a></p>
<p><b>Cultural Activities</b></p>	<p>The International Student Center started the Experiences in Japanese Culture and Society program in the autumn 2011 semester in order to give international students an opportunity to learn through hands-on experience about the culture and society of Japan. The first half of the program in the spring semester covers nine courses while the second half in the autumn semester covers six courses. The total of fifteen courses is provided. Experiences in Japanese Culture and Society is open to both international and Japanese students, so both lots of students can come into contact with the traditional culture and society of Japan, and they deepen their understanding in terms of both knowledge and experiences.</p> <p>“Hands-on” experiences in Japanese traditional arts and crafts will provide students with an opportunity and feeling like time-slip to Japan of hundreds years ago, which in turn will enable them to learn about the traditional rules and customs which have been maintained for centuries.</p> <p><u>Course introduction</u>      &lt;Japanese Society and Traditional Culture I (Fall), II (Spring)&gt;      ~Observing Tradition and Society in Kanazawa~</p>  <p><a href="http://www-isc.ge.kanazawa-u.ac.jp/eg/culture/index.html">http://www-isc.ge.kanazawa-u.ac.jp/eg/culture/index.html</a></p> <p><b>Local Activity Programs</b> “Hands-on program extending beyond community boundaries”</p> <p>From 2014, the University implemented a program in order to recognize that we are a member of the region through cooperative work with local residents. The counterparts are mainly with the municipalities that have concluded comprehensive cooperation agreements with the University. Participation of international students is also available; thus, it is recommended for Pacific-LEADS students to join in.</p> <p><a href="http://sgu.adm.kanazawa-u.ac.jp/en/news/?p=494">http://sgu.adm.kanazawa-u.ac.jp/en/news/?p=494</a></p> 
<p><b>Any special attention to Religious Practice</b></p>	<p>Kanazawa University cafeteria is one of a few university cafeterias in Japan where Halal food is served. In addition, in order to help your food prohibitions, the ingredients are displayed in English in the menu.</p> <p>There is a mosque at the location of 5-minute-distance on foot from Kakuma Campus.</p> <p>Also in downtown area of Kanazawa, there are Catholic and Protestant churches</p>

	<p>such as follows:</p> <p><a href="http://english.pauline.or.jp/church/kanazawa.php">http://english.pauline.or.jp/church/kanazawa.php</a></p> <p><a href="http://www.kanazawakyokai.sakura.ne.jp/">http://www.kanazawakyokai.sakura.ne.jp/</a></p>
<p>Facilities (Library etc.)</p>	<p><b>&lt;Kanazawa University Libraries&gt;</b></p> <p>University Libraries are the Central Library, the Natural Science and Technology Library and the Medical Branch Library. They have collections of valuable books and documents from the predecessor schools. As students change their form of learning, the library sets up the learning commons and relaxation space, which provide the intellectual interchange zone. In addition, the libraries offer a variety of support for students such as Learning Support.</p> <p><a href="http://library.kanazawa-u.ac.jp/">http://library.kanazawa-u.ac.jp/</a></p> <p><b>-Learning Support at Kanazawa University Library-</b></p> <p>Our Learning Concierge for International Students (hereafter LeCIS) service aims to make the substantial learning environment in which each student actively and spontaneously study by making the postgraduate students at Kanazawa University give instructions or consultations to international students by making use of the library, and assist related services at the library. This service is mainly led by the university library, based on the Basic Guidelines for Learning Concierge for International Students.</p> <p><a href="http://library.kanazawa-u.ac.jp/learning/?page_id=20">http://library.kanazawa-u.ac.jp/learning/?page_id=20</a></p>
<p>Please state other particular supporting service you are endeavoring, if any.</p>	<p><b>&lt;International Exchange Groups&gt;</b></p> <p>Kanazawa has a diversity of international exchange groups that provide a great deal of information. This includes not only the introduction of Japanese culture but also provision of support to foreign residents and the holding of Japanese language classes. There are also various associations and societies for friendship and exchange with foreign countries.</p> <p><a href="http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/international.html">http://www.adm.kanazawa-u.ac.jp/ie/e/lifeinfo/international.html</a></p> <p><b>&lt;Another Network&gt;</b></p> <p>KUISNet (Kanazawa University International Students Network)</p> <p>KUISNet is a network that connects Kanazawa University and international students who are enrolled or have been enrolled at the university. KUISNet provides various kinds of information on topics such as scholarships, internships, jobs, and events and programs offered by university, local communities and companies, which will enrich your campus life.</p> <p><a href="https://kuisnet.kanazawa-u.ac.jp/index.php?lang=1&amp;act">https://kuisnet.kanazawa-u.ac.jp/index.php?lang=1&amp;act</a></p>
<p><b>16. Message to Prospective International Students</b></p>	
<p>Message from University</p>	<p>Since our University's support system for accepting international students is well equipped, no big problems can be seen so far. Thanks to the generous support of supervisors, Japanese language teachers, administrative staff and classmates, international students whom we have accepted so far are participating in all kinds of activities eagerly and enjoy their school life in Kanazawa University. Taking advantages of those experiences, adequate support system is well prepared upon accepting new international students.</p>

<b>Voice of International Students</b>	<p>Mr. LI XIAODONG From: China Admission: Oct.2014 Major: Mechanical Science</p> <p>I think it is very fortunate for me to choose this course two years ago. I could not understand Japanese but I have received much help from my teachers and students in my laboratory and I also enjoyed drinking with them. Not only Japanese I have learned but also technologies about environment protection by the classes, study camp and internship in the company of Japan. Even though life was difficult at the beginning in Japan and it was hard to do the research, I think I have tried my best to overcome them and got big growth in two years. Now I become loving Japan and decided to work here to learn more about Japanese culture.</p>
--	--