



Ritsumeikan University
Graduate School of Science and Engineering
Graduate School code : 70

Web site: <http://www.ritsumei.ac.jp/gsse/eng/>

1. Graduate School code	70	
2. Maximum number of participants	3 Participants per year	
3. Fields of Study	<input checked="" type="checkbox"/> Environmental Science <input type="checkbox"/> Marine Science <input type="checkbox"/> Meteorology <input checked="" type="checkbox"/> Natural Disaster/ Disaster Prevention Science <input type="checkbox"/> Tourism <input type="checkbox"/> Politics <input type="checkbox"/> Economics <input type="checkbox"/> Sociology <input type="checkbox"/> Education <input checked="" type="checkbox"/> Engineering <input type="checkbox"/> Agriculture (incl. Fisheries) <input type="checkbox"/> Geology <input type="checkbox"/> ICT <input type="checkbox"/> Medical Science <input checked="" type="checkbox"/> Others	
Sub Fields	Mathematical Sciences / Physical Sciences / Electrical and Electronic Engineering / Electronic and Computer Engineering/Mechanical Engineering / Robotics / Civil Engineering / Environmental Systems Engineering / Architecture and Urban Design	
4. Program and Degree	Program	International Program for Science and Engineering
	Degree	Master of Science / Master of Engineering
5. Standard time table (Years needed for graduation)	2 years needed for a Master's degree	
6. Language of Program	(1) Lecture: All lectures in English (2) Text: All texts in English (3) Laboratory work: Conducting of the research is instructed by the supervisor in English. (4) Seminar: All seminars in English	
7. Desirable English level and Necessary Academic background	Linguistic Ability	(1) Desirable English level: TOEFL PBT test®: 530, TOEFL iBT test®: 72 or above is desirable. (2) Necessary Academic background: Applicant must have completed a 16-year education program outside Japan or be expected to complete before being enrolled in the graduate school.
	EJU, IELTS, GRE or else	IELTS: 5.5 is required
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	Not mandatory E-mail Address for inquiries, contact: se-admw1@st.ritsumei.ac.jp	
9. Website	(1) Graduate School of Science and Engineering http://www.ritsumei.ac.jp/gsse/eng/ (2) Ritsumeikan University http://www.ritsumei.ac.jp/eng/ (3) Please direct all inquiries to the International Center at BKC cger-bkc@st.ritsumei.ac.jp	
10. Professors and Associated	Name	Research Subject, Contact (e-mail),

Professors		Special message for the Future students
	HASHIMOTO, Seiji Professor	<p>Assessment and design of sustainable resource and waste management systems, shashimo@fc.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/92/0009103/prof_e.html</p> <p>Special message for the Future students</p> <p>I look forward to studying with students who want to improve solid waste management on islands. Resource management on islands is also a potential research topic.</p>
	SATO, Keisuke Associate Professor	<p>1. Impact assessment to water resource and ecosystem by global climate changes. 2. Model development and field application of an Integrated Lake Basin Management method. 3. Vulnerability analysis of sea level rise, storm surge, and tsunami. k-sato@fc.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/66/0006521/prof_e.html</p> <p>Special message for the Future students</p> <p>We have been assessing the impact of climate change and sea level rise on the South Pacific Islands such as Fiji and Vanuatu. Because it is a very important issue for your country, we would like to discuss adaptation and mitigation policy together while closely looking at the locality.</p>
	SODA, Satoshi Professor	<p>Wastewater treatment and resource recovery by using microorganisms and aquatic plants, soda@fc.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/134/0013346/prof_e.html</p> <p>Special message for the Future students</p> <p>My research topics include nitrogen removal from domestic wastewater using anammox, constructed wetlands for acid mine drainage and landfill leachate, and biorecovery of selenium, vanadium, and antimony from industrial wastewater. Ambitious students interested in such biochemical technologies for environmental problems are welcome.</p>
	KOBAYASHI, Taizo Professor	<p>Soil investigation and its application to intelligent earthworks and geo-disaster prevention, kobat@fc.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/134/0013355/prof_e.html</p> <p>Special message for the Future students</p> <p>Our recent projects include hazard/risk assessment of slope disasters, development of intelligent earthwork systems, and development of inspection/maintenance techniques of existing geotechnical structures. We welcome you to join us if you find motivation for these studies.</p>
	FUJIMOTO, Masamitsu Associate Professor	<p>Environment Management and Disaster Mitigation in Forested Areas, m-fuji@fc.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/96/0009536/prof_e.html</p> <p>Special message for the Future students</p> <p>For mitigating the serious sediment disasters, we understand the mechanism of landslide and develop countermeasures. I hope this opportunity will be a good challenge for you to learn these issues.</p>
	NOZAKA, Katsuyoshi Professor	<p>Strength of steel structures, maintenance of steel bridges, k-nozaka@se.ritsumei.ac.jp http://research-db.ritsumei.ac.jp/Profiles/27/0002672/prof_e.html</p> <p>Special message for the Future students</p> <p>I have special interests in the field of design and maintenance of steel bridges. People who want to learn the bridge structures in Japan which</p>

	can be applied in their home country will be welcomed.
11. Features of University	The history of Ritsumeikan dates back to 1869 when a private academy of the same name was established in Kyoto. The academy has become a comprehensive institution consisting of two universities, including Ritsumeikan University (RU), four junior and senior high schools, and primary school. RU is proud to be one of Japan's premier level universities, with 35,000 students studying in 13 undergraduate colleges and 20 graduate schools. In recent years there has been considerable progress in research at RU. In the last decade, the value of government grant-in-aid received by RU has doubled.
12 . Features of Graduate School	The society of the 21 st century is becoming more diverse and complex, with expectation towards graduate education in science and engineering greater than ever before. Furthermore, we now must think about technology in terms of its potential contributions to the sustainable global society. In order to meet these requirements we offer a diverse set of programs, and in particular, Advanced Architectural, Environmental and Civil Engineering is one of the majors that provides a great opportunity to grant your wishes of research.
13. Features and Curriculum of Program	<p>To complete a master's degree program, students are required to attend the program in the standard period of study, normally 2 years, and take regular courses. In the Master's Program, Students must have gained 30 credits and handed in a Master's thesis under the supervision of their academic supervisor in order to be eligible for graduation. Students are required to enroll in Common Subjects, Major Subjects and Research Subjects, and are to meet the following conditions.</p> <ul style="list-style-type: none"> a) Not less than 4 credits from Common Subjects must be acquired. b) Not less than 10 credits from Major Subjects must be acquired. c) Not less than 16 credits from Research Subjects must be acquired. <p>They are also obliged to receive guidance for research and obtain approval for the proposal of their master's thesis or the results of their research on a specific issue and pass a final examination in accordance with the objectives of their degree programs. However, in the case of students who are recognized as having achieved outstanding research results, pursuant to the rule of the graduate school, the required period of attendance may be reduced to one year.</p> <p>Majors and courses: http://www.ritsumei.ac.jp/gsse/eng/academics/major.html/</p> <p>Civil Engineering: Protecting people's lives is not the exclusive territory of the field of medicine. Urban infrastructure and social infrastructure have to be designed well for people to be safe. It is the goal of the new Department of Civil Engineering to promote engineering that protects people's lives and ensures their safety. All over the world, people are facing various disasters including natural disasters, traffic challenges, and environmental catastrophes. Urban restoration planning and disaster prevention efforts aimed at improving safety have to be undertaken for people to live safe and comfortable lives. In recent times, there have been increasing demands on engineers to maintain and manage infrastructure not only in the narrow sense of roads and bridges, but also in the broader sense that includes cultural treasures and cultural properties of cities. New engineers and technicians are expected to become active in developing proposals for new urban transportation systems and waterside spaces with enriching urban attractions. The new Department of Civil Engineering strives to teach students the essentials of the continuous flow from the urban planning phase to design, construction, and maintenance, and helps them learn the skills they need for managing the entire process. As a foundation for mastering these skills, students will gain knowledge of theoretical principles, mechanical basics, and the social sciences. This is your chance to become an engineer who will build the urban systems of the future.</p> <p>Environmental Systems: This department is working with other disciplines to seek solutions</p>

	<p>to the global environmental problems being faced in the 21st century in an environment of open engineering. Environmental Systems Engineering aims to create new and useful activity spaces. Addressing these kinds of issues requires diverse perspectives that break from conventional constraints and go beyond the boundaries of existing disciplines and scientific frameworks. Experts must be able to look multilaterally and comprehensively at the relationship between human beings and nature or society from a broad perspective. Since the global environment is made up of complex systems, we must approach the problems of the environment with an understanding of those underlying systems. Solving those problems will require the combination and integration of the academic findings and technological methods of many disciplines. In the Department of Environmental Systems Engineering, students gain a broad base of scientific knowledge while learning engineering analysis methods and systemization technologies. Also, by studying these topics in conjunction with social sciences such as environmental economics, students can learn how to create the best social environments. Students are encouraged to take the lead in creating new environments. Many graduates of this department are active in occupations in their fields of specialty, and active partnerships have developed between alumni and the university, as well as between groups of alumni. About half of graduates proceed to graduate school where they acquire further specialized research skills.</p>
<p>14. Academic Schedule</p>	<p>Start of Fall semester : September 26 Winter Break : The final week of December to the first week of January End of classes, Fall semester : around the middle of January Spring Break : February to the first week of April Start of Spring semester : April 6 End of classes, Spring semester : around the middle of July Summer Break : August to September 25</p>
<p>15. Supporting service to International Students</p>	
<p>International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.</p>	<p>International Exchange Lounge & International Center: We have set up the lounge as an open area for international exchange where international students can interact with Japanese students and among themselves. Located adjacent to the International Center, the lounge allows students to quickly access information about student support and events targeted at international students and international exchange. Moreover, in addition to a TV on which CNN can be viewed, there are a variety of learning materials and media such as language textbooks and English language newspapers. Currently in the International Center at BKC we have 14 full-time staff (1 native English speaker and 1 Chinese native speaker).</p> <p>Student Support Room: Counseling services at the SSR are provided by certified and experienced professional counselors in a strictly confidential setting. The SSR also offers a space for you to come and relax any time during our hours of operation when you feel like resting in a quiet place. You might enjoy browsing magazines, or find some books or comic books that give you inspiration.</p> <p>Language Support: We provide Japanese Conversation Program and English Academic Writing Support Program for international graduate students.</p>
<p>Provision of Student Dormitory</p>	<p>Student Dormitories: 153 single rooms are available in our international student dormitory, the BKC International House, constructed adjacent to the BKC Campus in Sept 2012. Rooms are furnished with: bed, desk, chair, internet connection, toilet, sink, refrigerator, and air conditioner. (*Showers in some rooms)</p> <p>Common areas include: kitchens, showers, coin laundry machines, study rooms, lobby, and vending machines.</p> <p>The dormitory features 24-hour English-speaking managers and student Resident Assistants</p>

	<p>living on each floor, ensuring that even students coming to Japan for the first time can enjoy a worry-free start to their life in Japan.</p> <p>*It is possible for the University Cooperative's on-campus real estate agency to offer English-language assistance to students who wish to seek alternate accommodation in the local area.</p> <p>International Student Dormitory (BKC International House) Website: http://www.ritsumei.ac.jp/eng/html/current/daily_life/bkcdorm/index.html/</p>
<p>Japanese Language Education Program for International Students</p>	<p>Ritsumeikan provides a Japanese Conversation Program for international graduate students. One class level in spring semester 2017, Beginner Class, is for students who have little knowledge of Japanese. The goal of this class is to elevate your Japanese language skills to the point where you can express your opinions and feelings and explain happenings in daily life. In this class students also learn the Japanese writing system of HIRAGANA, KATAKANA and depending on the level of your class, KANJI as well.</p>
<p>Cultural Activities</p>	<p>Ritsumeikan University has a long tradition of sport and other extracurricular activities for both native Japanese and international students alike. With over 450 teams, clubs, and circles, students are bound to find extra-curricular activities that will not only help round out their academic experience at Ritsumeikan University, but also allow for them to make connections with other students while enjoying a variety of activities. If you are interested in joining a specific club or circle, please see http://en.ritsumei.ac.jp/lifecareer/club-activities/ for more information.</p>
<p>Any special attention to Religious Practice</p>	<p>Among 8 dining locations on BKC campus exist cafeterias that provide halal food and vegetarian options in an effort to better provide a campus that is prepared to meet the dietary needs of its international population. The convenience store on campus also provides vegetarian options and halal snacks for students on the go. Moreover, we also provide a room that students can use for prayer.</p>
<p>facilities (Library etc)</p>	<p>Library Services: BKC is home to two academic information facilities. Academic literature related to science and engineering is found in the Media Center, whereas information related to economics and business administration is found in the Media Library. Both of these facilities are available to students regardless of the research departments to which they belong.</p> <p>*Ritsumeikan University, as a whole, has a collection of 3,207,747 books. (Japanese: 2,241,809, Foreign language: 965,938 (as of March 2016))</p> <p>*Students may also borrow materials from libraries on other campuses using our electronic library services system.</p> <p>Library Website: http://www.ritsumei.ac.jp/library/eng/</p> <p>Multi-Media Room: BKC has three Multimedia Rooms on campus with a total of 464 computers available for use. We provide this environment to facilitate the learning and review of class materials, the creation of reports, class registration, E-mail, and other educational research activities. Moreover, there are on-site staff who work to assist computer users during operating hours.</p> <p>Health Center: Located on campus, the health center promotes the health of students through a combination of general health support services and a medical office that specializes in internal medicine. To ensure their good health, all students must take part in a yearly health check that assesses their overall health condition and, depending on the result, follows up with additional tests as necessary. Students with any persevering health issues are put under watch and given follow up medical guidance until graduation.</p>
<p>Please state other particular supporting service you are endeavoring, if any.</p>	<p>Training Room: In order to support students from a health perspective, our campus has a training room with the equipment necessary for a healthy workout. Here, we have trainers residing nearby and students can use the gym facilities free of charge. Further, a new facility called the Sports and Health Commons, housing both indoor and outdoor pools, a large</p>

	gymnasium, other sports facilities and a café opened in the fall of 2016, giving students plenty of opportunity to get in a great workout.
16. Message to Prospective International Students	
Message from University	Message from the Dean: http://www.ritsumei.ac.jp/gsse/eng/about/message.html/
Voice of International Students	Please find interviews of our international students here! http://www.ritsumei.ac.jp/gsse/eng/life/voice.html/ http://www.ritsumei.ac.jp/gsse/eng/about/movie.html/ http://www.ritsumei.ac.jp/eng/common/ing/newsletter24_final.pdf