



**Ritsumeikan University**  
**Graduate School of Life Sciences**  
**Graduate School code: 69**

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

1. Graduate School code	69
2. Maximum number of participants	4 Participants per year
3. Fields of Study	<input checked="" type="checkbox"/> Environmental Science <input type="checkbox"/> Marine Science <input type="checkbox"/> Meteorology <input 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 checked="" type="checkbox"/> Agriculture (incl. Fisheries) <input type="checkbox"/> Geology <input type="checkbox"/> ICT <input checked="" type="checkbox"/> Medical Science <input type="checkbox"/> Others(                          )
Sub Fields	
4. Program and Degree	<b>Program</b> -Advanced Life Sciences, Applied Chemistry Course -Advanced Life Sciences, Biotechnology course -Advanced Life Sciences, Bioinformatics course -Advanced Life Sciences, Biomedical Science course
	<b>Degree</b> Master of Science Master of Engineering
5. Standard time table (Years needed for graduation)	2 years
6. Language of Program	English
7. Desirable English level and Necessary Academic background	<b>Linguistic Ability</b> TOEFL PBT:530 IELTS:5.5
	<b>EJU, IELTS, GRE or else</b>
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	Not Mandatory
9. Website	<a href="http://www.ritsumei.ac.jp/gsls/eng/">http://www.ritsumei.ac.jp/gsls/eng/</a>
10. Professors and Associated Professors	<b>Name</b> Yasuhiro INADA (Mr.)
	<b>Research Subject, Contact (e-mail), Special message for the Future students</b> Interpretation of Catalysis Reaction for Future Material Development <a href="http://research-db.ritsumei.ac.jp/Profiles/64/0006341/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/64/0006341/prof_e.html</a>

Yutaka OKADA (Mr.)	Environment-friendly Organic Reactions, Novel Ferrocene Derivatives <a href="http://research-db.ritsumei.ac.jp/Profiles/33/0003262/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/33/0003262/prof_e.html</a>
Kazuhiko OZUTSUMI (Mr.)	Structural and Thermodynamic Studies on Chemical Reactions in Solution <a href="http://research-db.ritsumei.ac.jp/Profiles/37/0003643/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/37/0003643/prof_e.html</a>
Minoru KATO (Mr.)	Physico-chemical Study on Protein Folding / Misfolding <a href="http://research-db.ritsumei.ac.jp/Profiles/36/0003563/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/36/0003563/prof_e.html</a>
Hitoshi TAMIAKI (Mr.)	Elucidation of Various Biosystems at the Molecular Level <a href="http://research-db.ritsumei.ac.jp/Profiles/36/0003508/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/36/0003508/prof_e.html</a>
Osamu TSUTSUMI (Mr.)	Design Plastics by the Full Use of the Nanotechnology for Future Materials <a href="http://research-db.ritsumei.ac.jp/Profiles/40/0003936/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/40/0003936/prof_e.html</a>
Yutaka NAGASAWA (Mr.)	Real Time Observation of Photochemical Reactions: Elucidation of the Principles and Search for Applications. <a href="http://researchdb.ritsumei.ac.jp/Profiles/118/0011774/prof_e.html">http://researchdb.ritsumei.ac.jp/Profiles/118/0011774/prof_e.html</a>
Tomonori HANASAKI (Mr.)	Synthesis and Physical Properties of Novel Organic Functional Materials <a href="http://research-db.ritsumei.ac.jp/Profiles/37/0003607/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/37/0003607/prof_e.html</a>
Hirimitsu MAEDA (Mr.)	Formation of Utility Organic Molecules and Supramolecular Assemblies <a href="http://research-db.ritsumei.ac.jp/Profiles/29/0002834/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/29/0002834/prof_e.html</a>
Kazuyoshi TAKAGI (Mr.)	Analytical Biochemistry <a href="http://research-db.ritsumei.ac.jp/Profiles/26/0002546/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/26/0002546/prof_e.html</a>
Yuki ORIKASA (Mr.)	Development of Next Generation Rechargeable Battery based on Solid Electrochemistry <a href="http://researchdb.ritsumei.ac.jp/Profiles/125/0012496/prof_e.html">http://researchdb.ritsumei.ac.jp/Profiles/125/0012496/prof_e.html</a>
Yoichi KOBAYASHI (Mr.)	Development of Novel Photofunctional Materials which Demonstrate Cooperative Responses of Multiple Molecules and Photons <a href="http://research-db.ritsumei.ac.jp/Profiles/134/0013383/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/134/0013383/prof_e.html</a>
Masahiro KASAHARA (Mr.)	Molecular Mechanism of Light Sensing and Responses in Plants <a href="http://research-db.ritsumei.ac.jp/Profiles/30/0002913/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/30/0002913/prof_e.html</a>
Motoki KUBO (Mr.)	Construction and Creation of Symbiosis Circulation Earth Environment <a href="http://research-db.ritsumei.ac.jp/Profiles/38/0003738/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/38/0003738/prof_e.html</a>
Hiroyoshi MATSUMURA (Mr.)	Structural Bioscience for Improvement of Nature Environment and Drug Design <a href="http://research-db.ritsumei.ac.jp/Profiles/118/0011785/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/118/0011785/prof_e.html</a>
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Motoki KUBO (Mr.)	Construction and Creation of Symbiosis Circulation Earth Environment <a href="http://research-db.ritsumei.ac.jp/Profiles/38/0003738/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/38/0003738/prof_e.html</a>
Hiroyoshi MATSUMURA	Structural Bioscience for Improvement of Nature Environment and Drug Design

	(Mr.)	<a href="http://research-db.ritsumei.ac.jp/Profiles/118/0011785/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/118/0011785/prof_e.html</a>
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	Akira AMANO (Mr.)	Analyze Tissue and Organ Function Based on the Accurate Cell Level Model. <a href="http://research-db.ritsumei.ac.jp/Profiles/64/0006381/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/64/0006381/prof_e.html</a>
	Masahiro ITO (Mr.)	Towards Understanding of Life System by Genome Information <a href="http://research-db.ritsumei.ac.jp/Profiles/28/0002777/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/28/0002777/prof_e.html</a>
	Takuya TAKAHASHI (Mr.)	Elucidation of Structure-function Relationship of Bio-molecules <a href="http://research-db.ritsumei.ac.jp/Profiles/28/0002722/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/28/0002722/prof_e.html</a>
	Yoichiro FUKAO (Mr.)	Molecular Mechanisms of Environmental Stresses Tolerance in Plants <a href="http://researchdb.ritsumei.ac.jp/Profiles/118/0011782/prof_e.html">http://researchdb.ritsumei.ac.jp/Profiles/118/0011782/prof_e.html</a>
	Kazuki TERAUCHI (Ms.)	Mechanisms for Circadian Clock and Signal Transduction in Cyanobacteria <a href="http://research-db.ritsumei.ac.jp/Profiles/67/0006661/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/67/0006661/prof_e.html</a>
	Kojiro SIMOZUMA (Mr.)	Thinking about Systems and Policies to Achieve “Safe and Satisfactory” Healthcare Services <a href="http://research-db.ritsumei.ac.jp/Profiles/40/0003909/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/40/0003909/prof_e.html</a>
	Hidekazu TANAKA (Mr.)	Investigating the behavior of neuronal cells responding to various stimuli <a href="http://research-db.ritsumei.ac.jp/Profiles/103/0010282/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/103/0010282/prof_e.html</a>
	Mikio NISHIZAWA (Mr.)	Regulation of Mammalian Gene Expression by Natural Antisense Transcripts <a href="http://research-db.ritsumei.ac.jp/Profiles/40/0003903/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/40/0003903/prof_e.html</a>
	Toshiya HAYANO (Mr.)	Proteomic Study on the Diseases and Brain Functions Contact : thayano@sk.ritsumei.ac.jp <a href="http://research-db.ritsumei.ac.jp/Profiles/29/0002857/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/29/0002857/prof_e.html</a>
	Toshiyuki HORI (Mr.)	Biology of Cancer and Immunity <a href="http://research-db.ritsumei.ac.jp/Profiles/46/0004581/prof_e.html">http://research-db.ritsumei.ac.jp/Profiles/46/0004581/prof_e.html</a>
	Teruhisa KAWAMUR A (Mr.)	Dissecting the process of somatic cell reprogramming and stem cell differentiation <a href="http://researchdb.ritsumei.ac.jp/Profiles/103/0010299/prof_e.html">http://researchdb.ritsumei.ac.jp/Profiles/103/0010299/prof_e.html</a>
	Eri MUKAI (Ms.)	Mechanism of Pancreatic Beta Cell Failure in Type 2 Diabetes <a href="http://researchdb.ritsumei.ac.jp/Profiles/126/0012524/prof_e.html">http://researchdb.ritsumei.ac.jp/Profiles/126/0012524/prof_e.html</a>

<b>11 . Features of University</b>	Ritsumeikan’s history dates back to the establishment of a private academy in 1869 by Prince Kinmochi Saionji, an eminent international statesman of modern Japan and advocate of Freedom and Internationalism. In 1900, Prince Saionji’s protégé, Kojuro Nakagawa, preserved his mentor’s ideals and established the Kyoto Hosei School, an evening law school that was open to working people. With Prince Saionji’s blessing, the name of this school was changed to Ritsumeikan Private University in 1913. At
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	<p>present, the Kinugasa and Suzaku campuses in Kyoto, as well as at the Biwako-Kusatsu Campus in Shiga prefecture, are home to nearly 36,000 students learning under the core educational philosophy of Peace and Democracy. Ritsumeikan seeks to nurture just and ethical global citizens and is working to foster creativity and the development of individual talents on a solid foundation of academic achievement.</p>																																								
<p><b>12 . Features of Graduate School</b></p>	<p>International students are accepted for all courses, which are taught in English. The program is designed to foster the acquisition of broad knowledge and specialized skills related to the Life Sciences.</p> <ul style="list-style-type: none"> <li>• Applied Chemistry Course</li> </ul> <p>Studying both theory and technology in chemistry at the molecular level, and exploring new materials, new energy sources, and new bio-materials.</p> <ul style="list-style-type: none"> <li>• Biotechnology Course</li> </ul> <p>Studying both theory and technology in biology at the molecular level, and exploring new frontiers in environmental technology, food technology, bio-resources, and energy technology.</p> <ul style="list-style-type: none"> <li>• Bioinformatics Course</li> </ul> <p>Studying both fundamentals of life sciences and information science, and exploring new frontiers in life sciences by combining those two perspectives at the molecular level.</p> <ul style="list-style-type: none"> <li>• Biomedical Sciences Course</li> </ul> <p>Studying both the forefront of medical sciences and their fusion fields, and exploring new frontiers in life sciences, medical science and medical policy.</p>																																								
<p><b>13 . Features and Curriculum of Program</b></p>	<p>◆ For syllabus, please see the Online Syllabus at:  <a href="http://www.ritsumei.ac.jp/acd/ac/kyomu/gaku/onlinesyllabus.htm">http://www.ritsumei.ac.jp/acd/ac/kyomu/gaku/onlinesyllabus.htm</a></p>																																								
<p><b>14 . Academic Schedule</b></p>	<p>&lt;Reference: AY 2017&gt;</p> <table> <tr><td>9/26</td><td>Orientation</td></tr> <tr><td>9/25</td><td>Fall Entrance Ceremony</td></tr> <tr><td>9/26</td><td>Fall Semester Begins, Fall Semester Classes Begin</td></tr> <tr><td>12/26</td><td>Winter Break Begins</td></tr> <tr><td>1/5</td><td>Winter Break Ends</td></tr> <tr><td>1/18</td><td>Fall Semester Classes End</td></tr> <tr><td>1/31</td><td>Spring Break Begins</td></tr> <tr><td>3/22</td><td>Graduation Ceremony (Biwako-Kusatsu Campus)</td></tr> <tr><td>3/31</td><td>Fall Semester Ends, Spring Break Ends</td></tr> </table> <p>&lt;Reference: AY 2018&gt;</p> <table> <tr><td>4/1</td><td>Spring Semester Begins</td></tr> <tr><td>4/21</td><td>Spring Entrance Ceremony (Kinugasa Campus)</td></tr> <tr><td>4/1~4/6</td><td>Graduate Student Orientation</td></tr> <tr><td>4/2</td><td>Spring Entrance Ceremony (Biwako-Kusatsu Campus)</td></tr> <tr><td>4/6</td><td>Spring Semester Classes Begin (Social Sciences Fields)</td></tr> <tr><td>4/7</td><td>Spring Semester Classes Begin (Science and Engineering Fields)</td></tr> <tr><td>7/19</td><td>Spring Semester Classes End</td></tr> <tr><td>8/1</td><td>Summer Break Begins</td></tr> <tr><td>9/23</td><td>Graduation Ceremony (Spring Semester)</td></tr> <tr><td>9/25</td><td>Summer Intensive Courses End</td></tr> <tr><td>9/25</td><td>Spring Semester Ends</td></tr> </table>	9/26	Orientation	9/25	Fall Entrance Ceremony	9/26	Fall Semester Begins, Fall Semester Classes Begin	12/26	Winter Break Begins	1/5	Winter Break Ends	1/18	Fall Semester Classes End	1/31	Spring Break Begins	3/22	Graduation Ceremony (Biwako-Kusatsu Campus)	3/31	Fall Semester Ends, Spring Break Ends	4/1	Spring Semester Begins	4/21	Spring Entrance Ceremony (Kinugasa Campus)	4/1~4/6	Graduate Student Orientation	4/2	Spring Entrance Ceremony (Biwako-Kusatsu Campus)	4/6	Spring Semester Classes Begin (Social Sciences Fields)	4/7	Spring Semester Classes Begin (Science and Engineering Fields)	7/19	Spring Semester Classes End	8/1	Summer Break Begins	9/23	Graduation Ceremony (Spring Semester)	9/25	Summer Intensive Courses End	9/25	Spring Semester Ends
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<p><b>15. Supporting service to International Students</b></p>																																									

<p><b>International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.</b></p>	<p>Regarding international students admissions at our graduate school, it goes without saying that our professors and staff provide assistance. Moreover, we cooperate with the International Center, Health Center, Student Support Room, and even our currently enrolled international students in order to provide all-out support for our incoming and newly enrolled students. Furthermore, our academic office employs a staff member highly proficient in English and with overseas work experience to assist our community of international students.</p> <p>Some of the achievements of our admission of international students would include the fact that a number of our graduates have been hired at Japanese corporations looking to expand their businesses overseas in the students' home countries, and joint research projects that have been born between our department and our international students' previous universities. Additionally, we have also been able to secure internship opportunities at Japanese companies for our international students.</p> <p>That being said, one issue we would like to work to improve is our career skill support system, which could be improved to better match our students' future career aspirations. We will consider further cooperation with the Career Office, setting up get together opportunities for our students to meet with our alumni currently working in Japan and abroad, and the development of an alumni network.</p>
<p><b>Provision of Student Dormitory</b></p>	<p>153 single occupancy rooms are available in our new international student dormitory, the BKC International House, constructed in Sept 2012, adjacent to the BKC Campus. 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, study rooms, lobby, and vending machines.</p> <p>The dormitory features 24-hour English-speaking managers, as well as student Resident Mentors 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 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:  <a href="http://www.ritsumei.ac.jp/eng/html/current/daily_life/bkcdorm/index.html/">http://www.ritsumei.ac.jp/eng/html/current/daily_life/bkcdorm/index.html/</a></p>
<p><b>Japanese Language Education Program for International Students</b></p>	<p>The graduate school offers for-credit and extra-curricular classes in Japanese in order to promote the development of students' ability to conduct day-to-day life in Japanese. Further, we recommend Japanese language courses for students in fields of study that have high field research requirements in order to equip them with the ability to conduct their research in situations where English communication may not be possible.</p>
<p><b>Cultural Activities</b></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 <a href="http://en.ritsumei.ac.jp/lifecareer/club-activities/">http://en.ritsumei.ac.jp/lifecareer/club-activities/</a> for more information.</p>
<p><b>Any special attention to Religious Practice</b></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><b>Library Services:</b> 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: <a href="http://www.ritsumei.ac.jp/library/eng/">http://www.ritsumei.ac.jp/library/eng/</a></p> <p><b>Multi-Media Room:</b> 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>Please state other particular supporting service you are endeavoring, if any.</p>	<p><b>Training Room:</b> 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 gymnasium, other sports facilities and a café opened in the fall of 2016, giving students plenty of opportunity to get in a great workout.</p>
<p><b>16. Message to Prospective International Students</b></p>	
<p>Message from University</p>	<p>Message from the Dean: <a href="http://www.ritsumei.ac.jp/gsls/eng/about/message.html/">http://www.ritsumei.ac.jp/gsls/eng/about/message.html/</a></p>
<p>Voice of International Students</p>	<p>Please find interviews of our international students here! <a href="http://www.ritsumei.ac.jp/gsls/eng/life/voice.html/">http://www.ritsumei.ac.jp/gsls/eng/life/voice.html/</a></p>