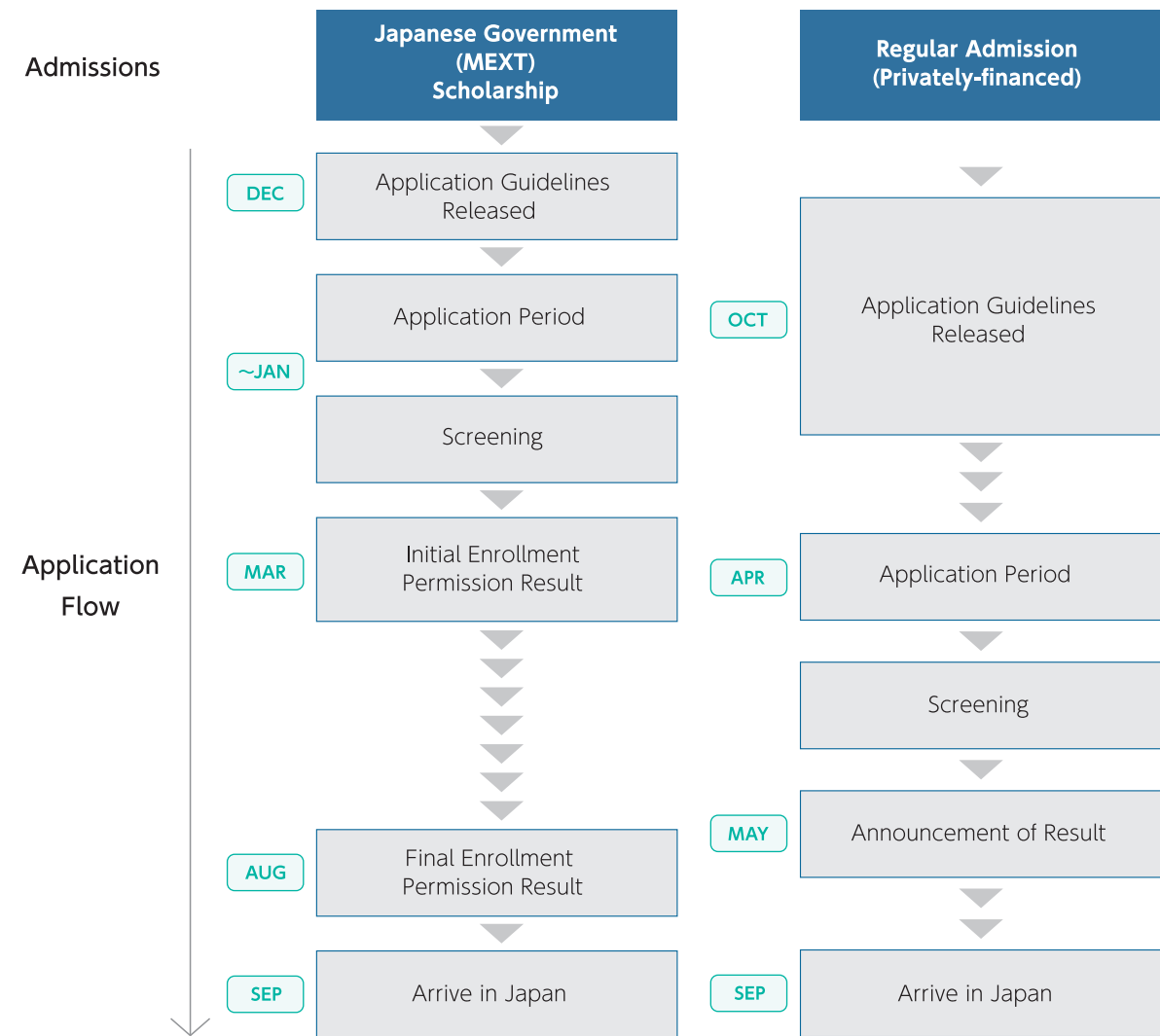


※Based on 2023 application schedule



GRADUATE SCHOOL OF
LIFE SCIENCES GUIDE

APPLIED CHEMISTRY COURSE
 BIOTECHNOLOGY COURSE
 BIOINFORMATICS COURSE
 BIOMEDICAL SCIENCES COURSE

2024

Biwako-Kusatsu Campus in SHIGA

A Campus where world-class research and education are offered in a serene and natural environment

Offering top tier science education and equipped with some of the largest research facilities, Biwako-Kusatsu Campus (BKC) is a campus where students can conduct research activities that take advantage of the campus' s location surrounded by nature and nearby Lake Biwa, Japan' s biggest lake, and where numerous companies have established their own research facilities. It is an innovative campus which creates and disseminates world-class educational research, knowledge and technologies to all regions of the globe. From Biwako-Kusatsu Campus, it takes only about 40 minutes to get to Kyoto Station.

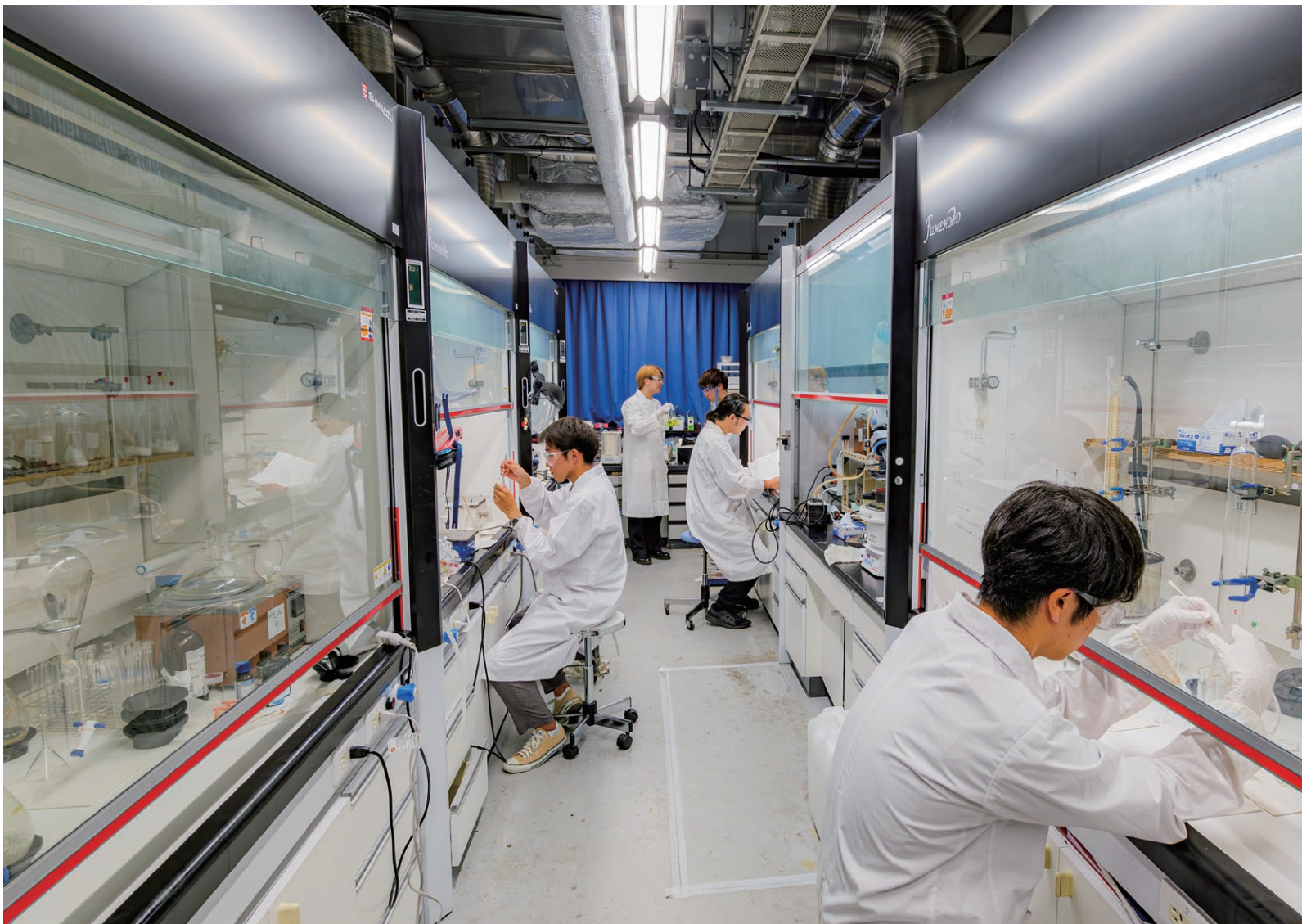
Campuses

Shiga
Biwako-Kusatsu Campus

Kyoto
Kinugasa Campus
Suzaku Campus

Osaka
Osaka Ibaraki Campus

Campus Locations
<http://en.ritsumeikai.ac.jp/access/>



Message from the Dean



WAKAYAMA Mamoru Professor and Dean, Graduate School of Life Sciences

Modern society is facing a variety of challenges that need to be solved on a global scale and across various fields. Among these challenges, it could be said that resource and energy issues, environmental issues, food supply issues and medical issues are the four major problems facing the world. In order to solve them, in addition to the fundamental disciplines of engineering, physical science, agriculture, medicine and pharmaceuticals, we must further develop the life sciences which developed out of the intersection, or perhaps the integration, of such disciplines, and implement the ensuing research results into society.

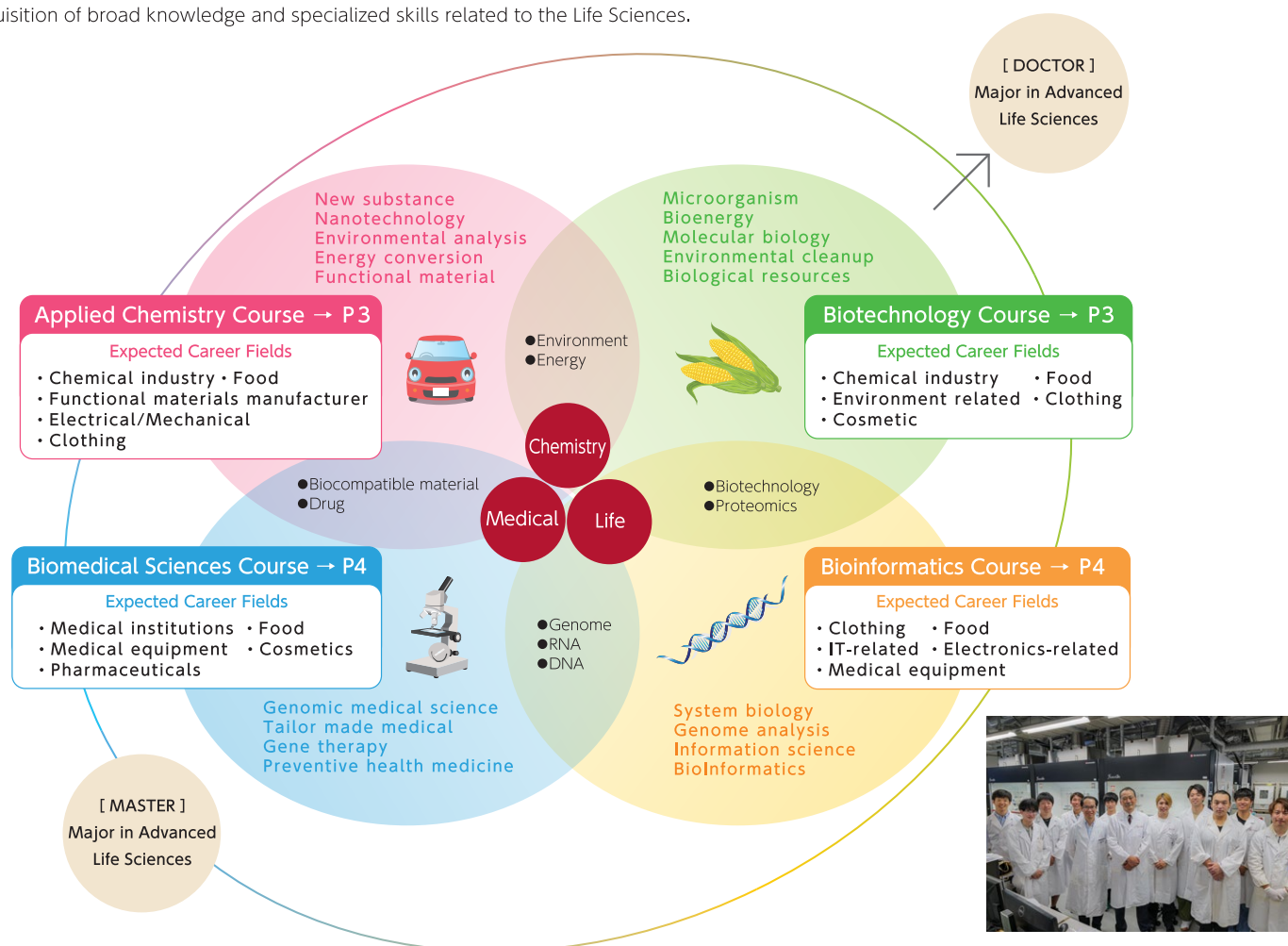
The Graduate School of Life Sciences consists of four academic disciplines: applied chemistry, biotechnology, bioinformatics, and biomedical sciences. These disciplines are grounded in, or have evolved from, the fields of engineering, physical science, agriculture, medicine, and pharmaceuticals. In other words, these disciplines cover the academic fields required to address the four major problems mentioned above.

I am confident that learning and research in the Graduate School of Life Sciences will fully meet the expectations of students who want to take on the various challenges facing the modern world and create a richer society.

Major and Course

International Program for Life Sciences (September enrollment, English-based)

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.



Curriculum

Completion Requirements

● Master's Program

Category		Credits Required		Total
Common Subjects		Not less than 4 credits		Not less than 30 credits
Major Subjects	Core Subjects	Not less than 6 credits	Not less than 10 credits	
	Electives			
Research Subjects		16 credits		

● Doctoral Program

Category	Credits Required	Total
Major Subjects	-	Not less than 8 credits
Research Subjects	Not less than 8 credits	

List of Subject

● Master's Program

Common Subjects(Electives)

Presentation in Science and Technology, Advanced Technology Management, Introduction to Research in Life Sciences, Special Topics

Common Subjects(Free Electives)

Technical Japanese 1, Technical Japanese 2, Applied Technical Japanese 1, Applied Technical Japanese 2

Major Subjects(Core Subjects)

■ Applied Chemistry Course

- Advanced Course of Physical Reaction Chemistry
- Advanced Course of Physical Chemistry for Molecular Structure
- Advanced Course of Physical Inorganic Chemistry
- Advanced Course of Inorganic Functional Materials Chemistry
- Advanced Course of Applied Biological Chemistry
- Advanced Course of X-Ray Analysis in Chemistry
- Advanced Course of Organic Molecular Chemistry
- Advanced Course of Functional Organic Materials Chemistry
- Advanced Course of Physical Chemistry for Chemical Reactions
- Advanced Course of Organic Reactions and Structural Chemistry

■ Biotechnology Course

- Advanced Course of Environmental Biotechnology
- Advanced Course of Biotechnology for Energy and Resources
- Advanced Course of Plant and Microbial Biotechnologies
- Advanced Course of Molecular Biotechnology

■ Bioinformatics Course

- Advanced Topics in Genome Informatics
- Advanced Topics in Molecular Structure and Function
- Advanced Topics in Mathematical Biology
- Advanced Topics in Molecular Design
- Advanced Topics in Biomolecular Network
- Advanced Topics in Plant Physiology

■ Biomedical Sciences Course

- Basic Biomedical Science
- Applied Biomedical Science
- Cutting-edge Biomedical Science
- Introduction to research methods for biomedical sciences

Major Subjects(Electives)

■ Applied Chemistry Course

- Advanced Course of Biotechnology for Energy and Resources
- Advanced Course of Molecular Biotechnology

■ Biotechnology Course

- Basic Biomedical Science
- Cutting-edge Biomedical Science
- Introduction to research methods for biomedical sciences
- Advanced Topics in Molecular Structure and Function
- Advanced Topics in Biomolecular Network
- Advanced Topics in Plant Physiology
- Advanced Course of Applied Biological Chemistry
- Advanced Course of Organic Reactions and Structural Chemistry

■ Bioinformatics Course

- Basic Biomedical Science
- Cutting-edge Biomedical Science
- Applied Biomedical Science
- Advanced Course of Biotechnology for Energy and Resources
- Advanced Course of Environmental Biotechnology
- Advanced Course of Plant and Microbial Biotechnologies

■ Biomedical Sciences Course

- Advanced Course of Environmental Biotechnology
- Advanced Course of Biotechnology for Energy and Resources
- Advanced Course of Plant and Microbial Biotechnologies
- Advanced Topics in Genome Informatics
- Advanced Topics in Molecular Structure and Function
- Advanced Course of Applied Biological Chemistry
- Advanced Course of Organic Molecular Chemistry
- Advanced Course of Functional Organic Materials Chemistry

Research Subjects

Special Research 1~4

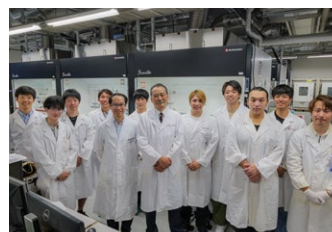
● Doctoral Program

Major Subjects

Research Presentation in English

Research Subjects

Research 1~6

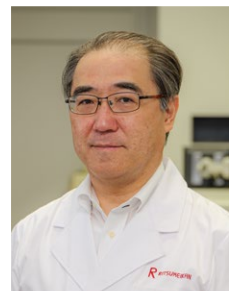




Applied Chemistry Course

Using an atomic and molecular level approach to solve problems in regards to materials, energy and the environment

In the Applied Chemistry Course, students immerse themselves in an expansive field of chemistry theories and technologies, building on a foundation on physical chemistry, inorganic chemistry, analytical chemistry, organic chemistry, and biochemistry in order to explain the functions of existing substances, and to invent new substances. Students in this course develop specialized knowledge in a broad range of fields, from materials chemistry to energy and biological matter.



● Understanding the functional principles of metal catalysts and developing next-generation materials

Inorganic Catalysis Chemistry Laboratory / Professor INADA Yasuhiro

The surface of metal nanoparticles works as a catalyst which can efficiently promote the production of useful substances, energy conversion, and the decomposition of environmental pollutants. We aim to develop high-performance catalysts based on the understanding of the reaction mechanisms by means of “in situ” real-time observation of the reacting catalysts.

■ Laboratory

● Inorganic Catalysis Chemistry Laboratory / INADA Yasuhiro

Research Topic / Understanding the functional principles of metal catalysts and developing next-generation materials

● Biophysical Chemistry Laboratory / KATO Minoru

Research Topic / Molecular Spectroscopic and Computational Studies on the Molecular Mechanism for Structural Formation and Changes of Biomolecules and the Related Molecules

● Bioinorganic Reaction Chemistry Laboratory / KOSHIYAMA Tomomi

Research Topic / Design and Construction of Chemical Reaction Spaces Using Biomolecules

● Analytical Biochemistry Laboratory / TAKAGI Kazuyoshi

Research Topic / Redox Biochemistry

● Laser Photochemistry Laboratory / NAGASAWA Yutaka

Research Topic / Elucidation of the Photochemical Dynamics by Femtosecond Pulse Laser Measurements and Quest for Application

● Supramolecular Chemistry Laboratory / MAEDA Hiromitsu

Research Topic / Fabrication of Electronically and Electrooptically Functional Materials Through Synthesis and Assembly of Unexplored Molecules

● Inorganic Electrochemistry Laboratory / ORIKASA Yuki

Research Topic / Development of Next Generation Rechargeable Battery Based on Solid Electrochemistry

● Functional Coordination Chemistry Laboratory / KUWATA Shigeki

Research Topic / Design of New Metal Complexes and Their Application to Transformation of Inert Molecules

● Photofunctional Physical Chemistry Laboratory / KOBAYASHI Yoichi

Research Topic / Developments of Novel High-Performance Photofunctional Materials Based on Physical Chemistry

● Polymer Materials Chemistry Laboratory / TSUTSUMI Osamu

Research Topic / Creating future polymer materials by state-of-the-art nanotechnology

● Organic Materials Chemistry Laboratory / HANASAKI Tomonori

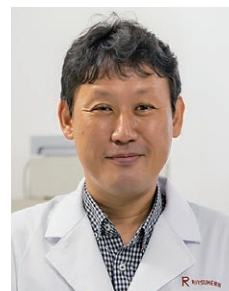
Research Topic / Synthesis and Physical Properties of Novel Organic Functional Materials



Biotechnology Course

Pursuing useful functions from organisms to overcome challenges of the environment, food, resources, and energy

In the Biotechnology Course, students build on a foundation of biochemistry, molecular biology, and microbiology and expand their knowledge of theories and technologies related to the environment, food, resources, and energy. Building on fundamental research topics, such as biological function, structural and functional analysis of ecosystems, and biomaterials science, students apply their knowledge to questions of the environment, food, resources, and energy.



● cAMP signaling system in plants

Plant Molecular Biology Laboratory/Professor KASAHARA Masahiro

Organisms adapt to the environment by responding precisely to various stimuli. Cells have molecular mechanisms consisting of receptors that sense environmental stimuli such as light and temperature and small molecules and signaling proteins that transmit stimuli to cells. In our laboratory, we study the molecular mechanisms of cAMP signaling using bryophytes, such as *Marchantia polymorpha* and *Physcomitrium patens*.

■ Laboratory

● Bioenergy Laboratory / ISHIMIZU Takeshi

Research Topic / Functional analysis of plant carbohydrate-active enzymes and carbohydrate compounds

● Biomolecular Chemistry II Laboratory / KIKUMA Takashi

Research Topic / Elucidation of the molecular mechanism of intracellular degradation and secretory pathway in microorganisms

● Plant Biotechnology Laboratory / TAKEDA Atsushi

Research Topic / Generation of Virus- and Viroid-Resistant Plants through Genome Editing

● Structural Bioscience Laboratory / MATSUMURA Hiroyoshi

Research Topic / Structural Bioscience for Improvement of Nature Environment and Drug Design

● Enzyme Technology Laboratory / WAKAYAMA Mamoru

Research Topic / Development of the Production System of Valuable Materials Using Enzymes and Fermentation

● Plant Molecular Biology Laboratory / KASAHARA Masahiro

Research Topic / cAMP signaling system in plants

● Bioengineering Laboratory / KUBO Motoki

Research Topic / Protection of Environment, Organic Agriculture, Function of Microorganism

● Biomolecular Chemistry I Laboratory/ TAKEDA Yoichi

Research Topic / Clarification of Biological Roles of Glycans by Synthetic Molecular Probes

● Applied Molecular Microbiology Laboratory / MIHARA Hisaaki

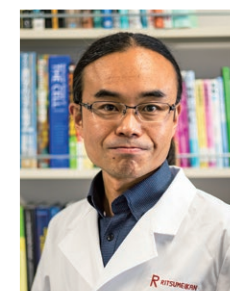
Research Topic / Mechanism of Bacterial Metabolic Pathways



Bioinformatics Course

Explaining how biological activities work through the integration of life sciences and information sciences

In the Bioinformatics Course, students have the opportunity to pursue an expansive range of specialized knowledge related to life science, information science, and biological function analysis technology, which form the basis of explaining the workings of biological activities using information science. Specific research topics include mathematical analysis of genetic information, the structure-function relationship of protein molecules, and biological function, with applications in life science, medicine and pharmaceuticals, food products, and information technology.



● Mathematical Models for Understanding Life as Information Processing Machinery

Biological Computation Laboratory / Professor TOGASHI Yuichi

We aim to theoretically understand how biological systems process information, in other words, principles of biological computation. Our targets range from the operation of molecular machines to the collective behavior of organisms. A single model can sometimes represent phenomena at different scales, e.g., dynamics of chemical reactions and ecosystems; which is an interesting feature of mathematical modeling studies.

■ Laboratory

● Tissue and Organ Function Analysis Laboratory / AMANO Akira

Research Topic / Analyze Tissue and Organ Function Based on the Accurate Cell Level Model

● Brain Network Information Laboratory / KITSUKAWA Takashi

Research Topic / Rhythms in Motion and Rhythms in Brain: Deciphering Neural Information Processing from Rhythm

● Biomolecular Network Laboratory / TERAUCHI Kazuki

Research Topic / How Photosynthetic Microorganisms Respond to Changes in Their Environment?

● Plant Biomembrane Laboratory / NAGANO Minoru

Research Topic / Understanding the function of biomembranes in plant growth and environmental stress tolerance

● Information Biology Laboratory / ITO Masahiro

Research Topic / Understanding from Genome to Life System

● Computational Structural Biology Laboratory / TAKAHASHI Takuya

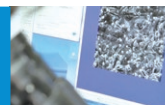
Research Topic / Elucidation and Application of Structure-Function Relationship of Bio-molecules

● Biological Computation Laboratory / TOGASHI Yuichi

Research Topic / Mathematical Models for Understanding Life as Information Processing Machinery

● Plant Molecular Physiology Laboratory / FUKAO Yoichiro

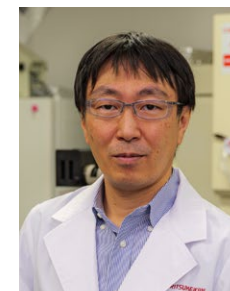
Research Topic / Molecular Mechanisms of Environmental Stresses Tolerance in Plants



Biomedical Sciences Course

Aiming to develop preventive medicine and regenerative medicine by clarifying various biomedical phenomena

In the Biomedical Sciences Course, students explore interdisciplinary applications related to the medical field. Possible research topics cover a broad spectrum of the life sciences field and include unknown biological phenomena and pathogenic mechanisms of various diseases as well as applications of state of the art pharmaceutical product development and frontier medical technologies.



● Dissecting the process of somatic cell reprogramming and stem cell differentiation and its application to regenerative medicine

Stem Cell and Regenerative Medicine Laboratory/ Professor KAWAMURA Teruhisa

We live in an era in which it is possible to reprogram somatic cells to induced pluripotent stem (iPS) cells and differentiate them into various types of cells, and rewrite genetic information using genome editing technology. Our laboratory is enthusiastically working to elucidate the nature of reprogramming and differentiation in order to improve the efficiency and safety of regenerative medicine.

■ Laboratory

● Stem Cell and Regenerative Medicine Laboratory / KAWAMURA Teruhisa

Research Topic / Dissecting the process of somatic cell reprogramming and stem cell differentiation and its application to regenerative medicine

● Pharmacology Laboratory / TANAKA Hidekazu

Research Topic / Remodeling of Neural Network Underlies Vigorous Adaptability of the Brain

● Medical Physiology and Metabolism Laboratory / MUKAI Eri

Research Topic / Study for Pathologic Elucidation and Treatment of Diabetes

● Protein Modification Biology Laboratory / SHIRAKABE Kyoko

Research Topic / Roles of Protein Modifications in Biological Phenomena and Disease Onsets

● Proteomics Laboratory / HAYANO Toshiya

Research Topic / Proteomic Study on the Diseases

● Health Policy and Management Laboratory / MORIWAKI Kensuke

Research Topic / Assessing the value of health technologies and supporting policy decision making

Living Expenses

Living expenses will vary depending on each student's individual lifestyle, but the following is a list of estimated expenses for the average student.

Item	Approximate Monthly Cost
Rent	30,000 - 60,000 yen
Utilities	10,000 yen
Internet	4,000 yen
Basic Food	30,000 - 50,000 yen
National Health Insurance	2,000 yen

Item	Approximate Monthly Cost
Mobile Phone	4,000 yen
Local Transportation	12,000 yen
Leisure Activities	25,000 yen
Total	117,000 - 167,000 yen

International Student Dormitory – BKC International House

The BKC International House sits in a quiet neighborhood, so it offers students both a peaceful setting and the convenience of close proximity to all of the university's facilities. The BKC International House aims to help international students transition to living in Japan while providing an environment where students can adjust to the local language and culture as well as interact with fellow scholars from around the world.



Rooms Include:

- Refrigerator
- Internet Connection
- Bed & Bedding (with cleaning)
- Desk & Chair
- Air Conditioning & Lighting
- Sink & Toilet
- "Type B" rooms include individual showers!

Private Room Type A



Common Use Facilities

- Kitchen Lounge (with TV & DVD player)
- Shower Rooms
- Laundry Rooms & Dryers
- Multipurpose Hall with Tatami Corner (with TV & DVD player)
- Billiard Table, Table Tennis, Basketball Hoop
- Bicycle Parking



Common-Use Kitchen



Tatami Corner



Language Support for International Students

Students can learn daily Japanese conversation and basic Japanese characters. For those who wish to find a job in Japan, we offer classes for JLPT test. Placement test will be conducted before class. Also, we will discuss each student's purpose, level and future career and set the goal together.



Career Services

We support students to gain careers in various sectors, including companies, institutions, universities both in Japan and oversea. We have the following career service offices.

- Ritsumeikan University Graduate Student Career Path Support Center
- Ritsumeikan University Career Center



Career of International Students

Research Institute / University in Japan

The Research Institute for Humanity and Nature / Ritsumeikan University

Companies in Japan

Ezaki Glico Co., Ltd. / Olympus Corporation / Pharma Foods International Co., Ltd. / FUJI OIL CO., LTD. International Hospitality and Conference Service Association / Peppy Kid's Club

Governments Oversea

The President (AOP) in Afghanistan Ministry of Defense / the Center of Pharmaceutical and Medical Technology – BPPT, Indonesia National Science and Technology Development Agency, Thailand / Nairobi City, Kenya

Research Institute / University Oversea

The University of Adelaide, Australia / Queens university, Canada / Assiut University, Egypt Kandahar University, Afghanistan / Natural Resources Institute Finland / Nano center Indonesia Royal Institute of Technology in Stockholm, Sweden / University of Potsdam, Germany / The University of Brawijaya, Indonesia Thailand Institute of Scientific and Technological Research / Udayana University, Indonesia / State University of Malang, Indonesia Kasetsart University, Thailand / Mahidol University, Thailand / Chulalongkorn University, Thailand

Companies Oversea

Bristol Myer Squibb (United States) / Sima Arome (Indonesia) / NISSIN Foods Co., LTD. (Thailand) / Focuz Manufacturing (Thailand) C.P. Thai Rice Co., Ltd (Thailand) / AMEZ (Thailand) / The First Affiliated Hospital of Dalian Medical University (China) / IQVIA (China) / Xincere (China)



HOSSAIN Md. Saddam

Level of Study Doctoral Program Graduate Company Pharma Foods International Co., Ltd.



What are you doing now? How are you using what you have learned in your job?

Currently, I am working as a chief research scientist in the Biomedical division of Pharma Foods International Co., Ltd. in Japan. We have proprietary "ALAgene® Technology" for antibody drug development. My main tasks are the identification of potential antibody drug candidates and the development of lead antibody candidates against autoimmune diseases, cancer, etc. Group work, collaborative work, and discussions are three important tasks in any research-oriented job. During my Ph.D. studies, the international research environment at Ritsumeikan greatly helped me grow these skills. Currently, I am practicing these skills with my colleagues and increasing my confidence in work. Also, handling my workload in a proper technical way is very important for leading a successful career. My research experience with renowned professors and researchers helped me make the right decisions in my current work.



CHERDVORAPONG Vipavee

Level of Study Doctoral Program Graduate Company FUJI OIL CO., LTD.



What do you think are the advantages of studying in GSLS, Ritsumeikan University?

First, the facilities and data resources are ample, not only within the university but also outside it as well. We have access to resources from other universities and companies which Ritsumeikan has contracts with. These ample resources made research more productive. Second, the weekly seminars and monthly personal discussions encouraged me to keep progressing with my research. In addition, the support for attending conferences benefited me from both experience and education perspectives. The location, teachers, and staff familiar with assisting international students made my daily life easier, thus allowing me to focus on my research without anxiety. Lastly, to improve my Japanese skills, there were Japanese courses for international students, which can start from the basic level or you can choose to start from the intermediate level. The university's library also provides Japanese textbooks to improve your proficiency on your own.

Tuition, Scholarships, Financial Aids

Tuition

		Admission Fee	1st Semester	All other semesters
Master's	Ritsumeikan graduates	—	597,400 JPY	597,400 JPY
	All other university graduates	200,000 JPY	597,400 JPY	597,400 JPY

*Miscellaneous Membership Fees (Graduate Student Association Fee: 4,000 JPY/year, Alumni Fee: 30,000 JPY) are required.
*The Tuition Reduction Scheme for self-paying international students is available

		Admission Fee	1st Semester	All other semesters
Doctoral	Ritsumeikan graduates	—	250,000 JPY	250,000 JPY
	All other university graduates	200,000 JPY	250,000 JPY	250,000 JPY

*Miscellaneous Membership Fees (Graduate Student Association Fee: 4,000 JPY) are required.
*The Tuition Reduction Scheme for self-paying international students is available

Scholarships

For Master’s and Doctoral students

Tuition Reduction Scheme for Privately-Financed International Students

This scholarship is provided to the privately-financed international students(*) in order to reduce their financial burden.

Category	Amount	Application	Period
Category I	100% exemption from tuition	To be decided on the evaluation of entrance examination	2 years (Master) 3years (Doctor)
Category II	20% exemption from tuition	Apply after enrollment	1 year

*Their residence status must be “Student” in order to apply.

MEXT Scholarship

- Monthly Allowance: JPY 143,000~145,000 (*based on 2023 figures)
- Tuition: Exempted
- Travel Expenses(to Japan/return): To be covered by scholarship
- ✓Recommend to contact a professor whom you want to be supervised by in advance. Be sure to check our website to find our researcher’s works.
- ✓Screening Method: Based on submitted application documents and e-mail interviews.
- ✓Please visit our website to check if we recruit any students for the MEXT Scholarship in the year you are planning to apply.

For Master’s Students

SEISEKI-YUSHUSHA Scholarship for 1st Year of Enrollment (Academic Excellence Scholarship for 1st Year of Enrollment)

This scholarship is awarded to students who achieved great results in their entrance examinations and are entering the Master’s Program or the Integrated Doctoral Program (to the first-year) at Ritsumeikan University.
Each graduate school will select prospective recipients for this scholarship among those who passed the entrance examinations by their designated method with outstanding results and the prospective recipients will be informed of their eligibility at the time of the announcement of the entrance examination results.



Scholarship Amount (per semester)	Number of Recipients
150,000 yen	Approximately 30% of newly enrolled students

http://en.ritsumei.ac.jp/admissions/shingaku-shorei-scholarship/
* For 2nd year, applicants must apply for this scholarship in the third semester while enrollment.
Scholarship recipients will be selected on the basis of their applications at an application screening.

SEISEKI-YUSHUSHA Scholarship For 2nd Year Students (Academic Excellence Scholarship for 2nd Year Students)

The SEISEKI-YUSHUSHA Scholarship is a scholarship awarded to graduate students during the third and fourth semester of Master’s Program. This excludes MEXT Japanese government-sponsored students, JICA sponsored students, and foreign government scholarship recipients.

Scholarship Amount (per semester)	Number of Recipients
I: 150,000yen II: 300,000yen	I : Approximately 30% of M2 students *1 II : 10 students at maximum *2

※ 1 Those who have achieved a higher rank in the overall evaluation among all M2 students .
(Spring application: As of April1/Fall application: As of September 25)
※ 2 Those who wish to study in the Doctoral Program at the Graduate School of Life Sciences and have achieved a higher rank in the overall evaluation.

●Application Period

Spring Application: May/Fall Application: October
Students who are enrolled in the 3rd Semester.



Compared to 2022,

I: Number of scholar is 10% increased

II: Amount of scholarship is 300,000yen increased per year

For Doctoral Students

Research Grant for Doctoral Students

The purpose of this grant is to reduce the financial burden for the realization of outstanding research plans by outstanding students in the doctoral programs, and to promote research activities that contribute to the completion of their doctoral dissertations as early as possible, thereby supporting the completion of their doctoral programs within the standard period of study.

【Grant amount】

One of three grant categories: 100,000yen, 300,000 yen, or 500,000 yen per case.



More information on scholarship

JASSO scholarship: 48,000 yen/month (for 6 months after enrollment)
For further information on scholarships, please refer to the following website.
http://en.ritsumei.ac.jp/e-ug/financial_info/scholarships.html/



Financial Aids for Doctoral students

Research Assistant

A work permit is not necessary for research assistants (RA) who work to support the university’s education and research activities. Please consult to your supervisors for employment.
Hourly rate:1500yen per hour, (Maximum Yearly salary: 500,000yen)
Work hours must be less than 20 hours a week and within 7.5 hours a day

NEXT Fellowship Program

This Program supports outstanding and highly motivated students who develop themselves as highly specialized human resources until completion of doctoral programs by offering the Support Fund (2,160,000 yen per year) and the Research Expenses (up to 340,000 yen per year), and the environment to engage in interdisciplinary and cutting-edge research activities.
The abilities which “NEXT Student Fellow” aims to acquire throughout the 3 years of each doctoral program are “Research ability” + “Ability to be active in society (Transferable Skill)”.

Ritsumeikan University was selected as a recipient of “University Fellowship Founding Project for Innovation Creation in Science and Technology” by MEXT, and this “NEXT Student Fellow” has been implemented and managed by the Graduate Student Career Path Support Center since AY2021.

*The application will be accepted directly from applicants from this year.
*The duration of receiving these funds is up to 3 years.



RARA Student Fellow

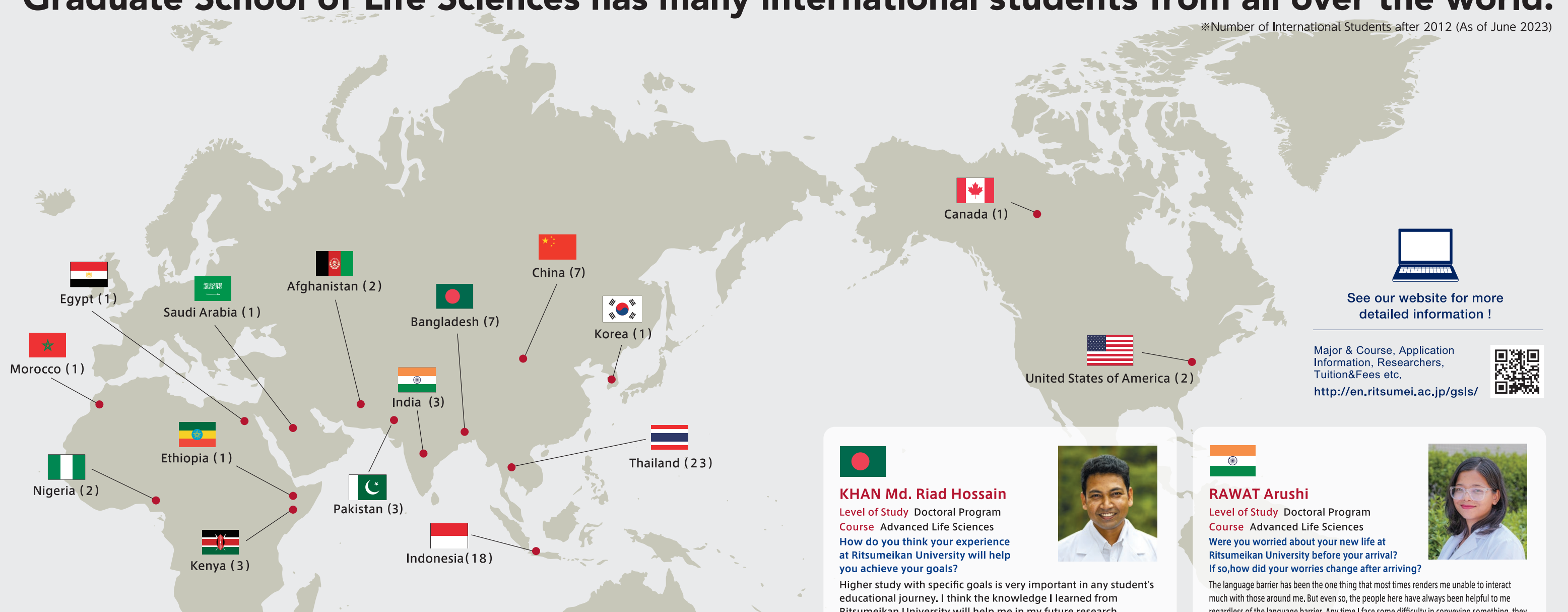
This Program supports outstanding and highly motivated students by offering the Support Fund (2,160,000 yen per year) and the Research Expenses (up to 340,000 yen per year), and develops them based in the Ritsumeikan Advanced Research Academy (hereinafter “RARA”).
“RARA Student Fellow” aims to be equipped with the qualities and abilities to play an active role in the international community.
This program was adopted by the “Support for Pioneering Research Initiated by the Next Generation” of the Japan Science and Technology Agency (JST), and has been under implementation since AY2021.

*The duration of receiving these funds is up to 3 years.



Graduate School of Life Sciences has many international students from all over the world.

※Number of International Students after 2012 (As of June 2023)



See our website for more detailed information !

Major & Course, Application Information, Researchers, Tuition&Fees etc.
<http://en.ritsumeai.ac.jp/gsls/>



KUMAR Siddhant

Level of Study Doctoral Program
Post-doc Fellow Queens University, Canada



Tell us about your research theme.

My research theme is based on synthesizing and performing extensive photoluminescence studies on Au(I) based N-heterocyclic carbene polymeric complexes. These gold based polymeric complexes are very useful options for various practical applications like OLEDs, sensors, smart materials, etc.

What do you think are the advantages of studying in GSLS, Ritsumeikan University?

GSLS provides a very ethical environment for performing research activities. Also, it also provides a Japanese class for those who wants to learn the Japanese language which makes job hunting easier in Japan. The GSLS are always ready to help international students in the job-hunting process.

How are you using what you have learned in your job?

In my PhD studies, I learnt various analytical techniques and also new synthetic skills and I believe that working independently here has improved my knowledge. Moreover, in the future I will only be indulging in research activities therefore, I will use my experience of these three years in the other labs which will help me to grow as a good research scientist.

Any advice about job hunting for the current students?

Students should be very clear from the start of their courses whether they will become a post-doc or work in a company in Japan in the future.
If students are willing to do post-doc, they should invest most of their time in research activities, but if they are going to look for a job in a Japanese company, they should also improve their Japanese language skills, which will make the job-hunting process easier.



KHAN Md. Riad Hossain

Level of Study Doctoral Program
Course Advanced Life Sciences
How do you think your experience at Ritsumeikan University will help you achieve your goals?



Higher study with specific goals is very important in any student's educational journey. I think the knowledge I learned from Ritsumeikan University will help me in my future research activities. Cutting-edge research facilities with diverse faculty members enriched my knowledge which will help my future career development. Moreover, I think, the job placement support system will help me to get my dream job in the future.



RAWAT Arushi

Level of Study Doctoral Program
Course Advanced Life Sciences
Were you worried about your new life at Ritsumeikan University before your arrival?
If so,how did your worries change after arriving?



The language barrier has been the one thing that most times renders me unable to interact much with those around me. But even so, the people here have always been helpful to me regardless of the language barrier. Any time I face some difficulty in conveying something, they take the trouble to use a translator and try their best to understand what I am trying to say. In our laboratory also, everyone is helpful and they try their best to interact with me and make me feel included.
As of now, having stayed in Japan for ten months, Japan feels like a second home to me. In these past few months I learned a lot of things. I have made friends from different countries across the globe and started learning Japanese.



LAW King Chuen

Level of Study Master's Program
Course Bioinformatics Course
Why did you choose to study at Ritsumeikan University?



Ritsumeikan University is a prestigious private university that offers world class education and research facilities. Professors of Ritsumeikan University are experts in their respective fields and willing to share their extensive knowledge with young scientists in order to advance scientific research. I chose Ritsumeikan University because it offers an exceptional and positive learning environment where I can benefit from the expertise and guidance of my professors and foster my own personal and academic growth.



MAJUMDER Toma Rani

Level of Study Doctoral Program
Course Advanced Life Sciences



Why would you recommend studying at Ritsumeikan University to future students?

Ritsumeikan University is one of the top private universities in Japan and one of the country's largest. The international environment, high-quality education standards, strong research-oriented background, and research facilities, along with the number of scholarships it provides, are the top reasons to recommend this university. The career planning events and placement support systems for both Japanese and international students are very helpful for deciding future goals. Studying abroad is very challenging and exciting. I encourage everyone to try applying for an international graduate program at Ritsumeikan University.