

2017
**APPLICANT GUIDELINES OF
 SPECIAL SCREENING FOR INTERNATIONAL STUDENTS ON
 THE GRADUATE SCHOOL OF SYSTEMS LIFE SCIENCES,
 KYUSHU UNIVERSITY**

1. Admission Quota

Department	Admission Capacity
Systems Life Sciences	Some numbers

2. Qualifications for Application

Applicants must have a nationality other than Japanese and hold or are expected to hold a resident status of “Student” and meet any of the following requirements.

- (1) Persons who have completed, or will complete, 16 years of academic education in foreign countries by the end of March, 2017.
- (2) Persons who have completed, or will complete, 16 years course of education of a foreign country in Japan through a foreign school correspondence education course by the end of March, 2017.
- (3) Persons who have completed, or will complete, a foreign education course in Japan provided by an educational institution which is recognized as equivalent to a foreign university by the Minister of Education, Culture, Sports, Science and Technology by the end of March, 2017.
- (4) Persons who have completed 3 years of formal education in foreign universities or other foreign schools, have obtained, or will obtain, a Bachelor's degree by the end of March, 2017.
- (5) Persons who have been recognized by our Graduate School, based on individual screening of the requirements for admission to our Graduate School, as having academic abilities equal to or better than university graduates. The minimum age will be 22 years at the time of entrance.
- (6) Applicants meet or are expected to meet any of the following conditions by the end of March, 2017.
 - A. Persons who have completed 15 years of academic education in foreign countries.
 - B. Persons who have completed 15 years course of education of a foreign country in Japan through a foreign school correspondence education course.
 - C. Persons who have completed a foreign education course in Japan provided by an educational institution which is recognized as equivalent to a foreign university by the Minister of Education, Culture, Sports, Science and Technology.

*** Notes concerning application**

Applicants who intend to apply in accordance with qualifications (5) & (6) must participate in an individual evaluation of their scientific abilities in relation to the requirements for admission. This evaluation must occur before application.

3. Procedures of Screening

- (1) The screening will be carried out on the basis of a results examination, and the documents submitted with the application form.
- (2) Examination Subjects
 - A. A written examination. (About specialized subject.)
 - B. Interview.
 - C. English test. (Scored on the basis of Synthesized English qualifying examination score certificate.)

4. Examination Date, Examination Place and Examination Subjects

- (1) Date: February 6 (Mon), 2017.
- (2) Place: The details of the examination place, or room, etc will be sent to the applicants when the examination admission card is sent back.

*For more information, it will be notified by the document after the application acceptance.

5. Application Procedure

Applicants can submit their application, as specified in section 6, to the Academic Affairs Section, Graduate School of Systems of Life Sciences, Kyushu University, addressed to the chairperson of the Division of their first choice, by January 16 (Mon), 2017.

If you send your documents by post, make sure that you write "Application for the Doctoral Course of International students" in red on the envelope and send it by registered mail.

6. Documents to be submitted

- (1) Application form for admission. (Form-1)
- (2) Curriculum vitae. (Form-2)
- (3) EXAMINATION CARD. (Form-3)
- (4) Official Academic Transcript to be issued by the university from which you will graduate or have graduated most recently.
- (5) Graduation Certificate or Statement that confirms expected graduation.
- (6) Synthesized English qualifying examination score certificate : Submit Official Score Certificate of TOEIC, or Examinee Score Record of TOEFL, or the transcript of results of IELTS. (Copy is accepted.)
- (7) A copy of Certificate of Japanese ability. (if applicable.)
- (8) Certificate of the payment of Application fee. (30,000 yen.)
This is not required for applicants who are granted the Japanese Government (Monbukagakusho) Scholarship.
- (9) A copy of Residence card, or Passport. (if those who live in other than Japan.)
- (10) An envelope (332×240 mm) with the applicant's name, address and postal code written on it. Please put 400 yen stamps on the envelop. The examination card will be sent in this envelope.

* Notes concerning documents

(1) Prescribed forms (Form-1,2, and 3) can be downloaded at the following website:

<http://www.sls.kyushu-u.ac.jp/en/application.html>

(2) Document (4) and (5), shall be submitted to those described in Japanese or English. When that is described in other than Japanese or English, you must be attached Japanese translations and official translations proof.

(3) Take the TOEIC TEST, or, alternatively, either the TOEFL-iBT or TOEFL-PBT test. Persons who cannot submit Synthesized English qualifying examination score certificates when applying must indicate the date on which they expect to take the Examination. And bring the original of each certificate on the day of the subject examination.

TOEIC	TOEFL-iBT	TOEFL-PBT	TOEFL-IP	TOEFL-ITP
○	○	○	×	×

○・・・acceptable ×・・・Unacceptable

(4) To submit a transcript that was exam on or after February 2015.

(5) If the applicant's native language is English, Document of " (6) Synthesized English qualifying examination score certificate " it may become unnecessary. At that time, please contact the Academic Affairs Section, Graduate School of Systems Life Sciences, Kyushu University.

If the applicant is not need to submit a Document (6), grades of English will be determined in the oral examination.

7. About of Application fee (※This is not required for applicants those who are MEXT (Ministry of Education, Culture, Sports, Science, and Technology) Scholarship Students.)

Please choose the one type from three ways below. Screening fee have to be paid from January 4 (Wed), 2017 to January 16 (Mon), 2017.

(1) Payment by Telegraphic Transfer

- a. Please fill your full name and code 3SL when you pay. A copy of receipt for transfer of the screening fee should be attached with "Request Form for Remittance of Application fee. (Form-4)".
- b. Please transfer in Japanese yen.
- c. Please cover all the commission costs when you transfer.

Type of Transfer	Bank Transfer / Telegraphic / Wire Transfer
Payment Method	Advise and Pay (A/P)
Bank Service Charge	Borne by a remitter
Application fee	¥30,000-
Purpose of Remittance	Application Fee
Recipient's Bank	SUMITOMO MITSUI BANKING CORPORATION

Branch Name	FUKUOKA BRANCH
Account Number A/C No.	7119240
Recipient's Name	Kyushu University
Bank Address	1-1-1 Hakataekimae, Hakata-ku, Fukuoka 812-0011, Japan
Swift Code	SMBCJPJT
Other Details	In the "Message to Payee, if any" section, write "3SL" before your name.

(2) Payment by Credit Cards

- a. Payment can be made through Visa, Master Card, JCB, American Express, Union Pay, Alipay, and UC (available only in Japan).
- b. Credit card payment can be done directly at <https://e-shiharai.net/english/>
- c. Please refer to "How to make the Payment for the Application Fee by Credit Card, Union Pay, and Alipay." for details about paying with a credit card.

(3) Payment at Convenience Stores (available only in Japan)

- a. Payment can be made at Seven Eleven, Lawson, Family Mart, and Circle K Sunkus.
- b. Please refer to "How to make the Payment for the Application Fee by Credit Card, Union Pay, and Alipay." for details about paying with a credit card.

8. Application Period

From January 10 (Tue), 2017 to January 16, 2017 (Mon), 5 p.m. (JST)
(Application documents must reach us during this period.)

9. Mailing address for application form and related documents

Academic Affairs Section, Graduate School of Systems Life Sciences, Kyushu University
744 Motoooka Nishi-ku Fukuoka 819-0395 JAPAN
TEL +81-(0)92-802-4033
E-mail sls-jimu@sci.kyushu-u.ac.jp

10. Individual Pre-qualification Screening

(1) Application method

Persons who intend to apply in accordance with qualifications for application (5) & (6) should submit the following documents to the Academic Affairs Section, Graduate School of Systems of Life Sciences, Kyushu University by November 25 (Fri), 2016.

Prescribed forms can be downloaded at the following website:

<http://www.sls.kyushu-u.ac.jp/en/application.html>

If you send your documents by mail, make sure that you write "Application for Individual Pre-qualification Screening for International students" in red on the envelope and send it by registered mail.

(2) Documents to be submitted

- Persons who intend to apply in accordance with qualifications for application (5)
 - a) Application for Recognition of Academic Requirements. (Form-5)
 - b) Curriculum vitae. (Form-2)
 - c) Official Academic Transcript to be issued by the university from which you will graduate or have graduated most recently.
 - d) Reasons for applying. (Form-6)
 - e) A copy of the documents that can prove that there is an academic ability equal to or higher than that of the person who has graduated from university.
(Example: research papers, patent publication, English language proficiency certificate, various qualification certificate, certificate of the international activities experience and work experience.)

- Persons who intend to apply in accordance with qualifications for application (6)
 - a) Application for Recognition of Academic Requirements. (Form-5)
 - b) Curriculum vitae. (Form-2)
 - c) Official Academic Transcript to be issued by the university from which you will graduate or have graduated most recently.
 - d) Reasons for applying. (Form-6)

*Document c) shall be submitted to those described in Japanese or English. When that is described in other than Japanese or English, you must be attached Japanese translations and official translations proof.

(3) Application Period

From November 18 (Fri), 2016 to November 25 (Fri), 2016, 5 p.m.

(Application documents must reach us during this period.)

(4) Mailing address for application form and related documents

Academic Affairs Section, Graduate School of Systems Life Sciences, Kyushu University

744 Motoooka Nishi-ku Fukuoka 819-0395 JAPAN

TEL +81-(0)92-802-4033

E-mail sls-jimu@sci.kyushu-u.ac.jp

(5) Announcement of the Result of the Evaluation

You will be informed of the result of the evaluation by December 9 (Fri), 2016. Successful applicants should then follow the application procedure outlined in Section 5.

11. Announcement of the Result of Screening

(1) Date: February 17 (Fri), 2017, 3:00 pm

(2) Place: The result will be posted on the notice board at the West Zone 1, building C, second floor, entry hall, Ito Campus, Kyushu University. The result will be informed to the applicants and shown in website at <http://www.sls.kyushu-u.ac.jp/en/>.

We do not answer to inquiry by telephone about the Result of Screening.

12. Date of Enrollment

April 1, 2017

13. Payments

Enrollment fee : 282,000 yen (at present)

Tuition : 267,900 yen for the first semester (Annual total of 535,800 yen) (at present)

*Please note that enrollment and tuition fees are subject to change. If the tuition fee is revised, this will be applied to all students. (with the exception of Japanese Government Monbukagakusho Scholarship Students.)

14. Notes

- (1) Detailed information on the Graduate School of Systems Life Sciences, Kyushu University is presented in Tables at the end, and at the following website: <http://www.sls.kyushu-u.ac.jp/en/>
- (2) Prior to the application, contact your preferred supervising Professor at the Graduate School of Systems Life Sciences, Kyushu University.
- (3) When you enroll in Kyushu University, you are not permitted to change "Education Group" and "supervising Professor" which chose at the time of the examination. So, you need to decide after thinking enough about that.
- (4) Documents cannot be replaced, nor can a Screening fee be returned, after the application form is accepted.
- (5) Persons who didn't receive an examination card may contact the Academic Affairs Section until the day of the examination.
- (6) The University provides consultation for applicants with disabilities who may require special arrangements during the entrance examinations or in classes after enrollment.
Please contact by e-mail the Academic Affairs Section, Graduate School of Systems of Life Sciences, Kyushu University prior to the application process as soon as possible as it sometimes takes extra time to decide on the arrangements depending on the situation.

Contact information

Academic Affairs Section, Graduate School of Systems Life Sciences, Kyushu University
West Zone 1, Building B, third floor, Room 306, Ito Campus, Kyushu University
744 Motooka Nishi-ku Fukuoka, Japan
Postal code: 819-0395
Tel. +81-(0)92-802-4033
Fax. +81-(0)92-802-4016
E-mail sls-jimu@sci.kyushu-u.ac.jp

Admission Policy

The International Master's Program in Systems Life Sciences and the International Doctoral Program in Systems Life Sciences offer students the opportunity to become global leaders in research and education, and top-class professionals with expertise in the fields of advanced life sciences. These Programs are based on the innovative concept of Systems Life Sciences, which represents interdisciplinary education and research involving biology, agriculture, medicine, informatics and engineering, and positions itself at the forefront in the current era of rapidly developing life sciences.

The Graduate School of Systems Life Sciences was established in April 2003 as the University's first interdisciplinary graduate school for life sciences, and was enabled by the Graduate School/Faculty system that characterizes the organization of Kyushu University. The life sciences have developed extensively in the context of many evolutionary events, such as the rapid accumulation of genome data and the accelerated progress in biological and biomedical measurement and imaging techniques. A seamless and highly efficient form of collaboration among specialists in biology, informatics and engineering will be essential to the pursuit of the life sciences in the coming decades. Recognizing this need, the Graduate School of Systems Life Sciences was organized to establish a globally competitive education/research core by drawing from the faculties of many disciplines, including informatics, engineering, agriculture, biology and medicine. Participating academic staff members come from six faculties and one research institute at Kyushu University. The graduate school has a single Department of Systems Life Sciences to enhance interdisciplinary activities. It provides a five-year doctoral course to nurture global leaders of research and education in systems life sciences and top-caliber professionals with combined expertise in biology and informatics, or biology and engineering. There is also an option for a two-year master's program. For applicants who have obtained or will obtain the Master's degree, another entrance examination will be offered for entry as a third year student.

The Graduate School represents a single department composed of the five divisions of Bioinformatics, Life Engineering, Medical Molecular Cell Biology, Molecular Life Sciences and Biological Sciences. This makes the school an advanced education hub that covers the entire field of biology, ranging from the study of molecules to the study of populations and ecosystems.

Our Graduate School is currently establishing its status as a hub for all graduate schools involved in life sciences at Kyushu University, and as a global education/research core for the life sciences.

The International Doctoral Program in Systems Life Sciences encourages students of all nations to take on the future challenges of this rapidly developing field. The sought-after type of student is a student who...

- ...wishes to challenge the cutting-edge fields of the life sciences.
- ...has the flexibility to promote interdisciplinary development.
- ...has robust motivation, and is eager to pursue the quest for truth.
- ...has a good basic knowledge of the principles and ethics of the life sciences.

Outline of each division

Division	Staff	Research field
Bioinformatics	Prof. Einoshin Suzuki Prof. Keiji Iramina Prof. Seiichi Uchida Prof. Kiyoshi Toko (**) Prof. Kenshi Hayashi Prof. Masahiro Okamoto (**) Prof. Johan Lauwereyns Asso. Prof. Osamu Maruyama Asso. Prof. Tsuyoshi Okamoto Asso. Prof. Kei Hirose Asso. Prof. Kosuke Tashiro Asso. Prof. Taizo Hanai	Genome informatics is an interdisciplinary research field of bioscience and information science that was introduced during the genome project. In order to master genome science and its applications to the medical field, not only are ordinary bioscience subjects necessary, but also informational subjects from basic to advanced levels. This research field focuses on education and research that enable students to analyze subjects from genome to the basic principles of life on a basis of the theory of informatics. For this purpose, our course provides graduates with cutting-edge knowledge about measurement theory, mathematical science, statistics, basic informatics, database, algorithms, machine learning, cognitive neuroscience, bioinformatics and their applications to bioscience and medicine.
Life Engineering	Prof. Masamichi Kamihira Prof. Yoshiki Katayama Prof. Kazuhiro Hara Prof. Susumu Kudo Prof. Renshi Sawada Prof. Makoto Kimura (*) Prof. Yoshimitsu Kakuta Asso. Prof. Hiroshi Mizumoto Asso. Prof. Akihiro Kishimura Asso. Prof. Takeshi Mori Asso. Prof. Hirotaka Okabe Asso. Pro. Yōshinori Katakura	Here we aim to train future leaders who specialize in the diverse fields of life engineering, with a combined background of engineering and agriculture. The emphasis is on biotechnology and biomedical engineering, though there exists in fact a variety of applied fields where design and industrialization can be approached via the development of life sciences. We focus particularly on: (a) the development of biotechnology for the purpose of production; (b) the development of biotechnology, where the biomedical engineer integrates biological, chemical, and physical findings about the organization and internal organs of living bodies; (c) the development of biological macromolecules and biomaterials targeting bio-compatibility, biodegradability, and/or biological absorption; (d) the development of bio-imaging techniques and nano micro machine techniques; (e) the study of biomacromolecules.
Medical Molecular Cell Biology	Prof. Hisao Kondo Prof. Ken-ichiro Morohashi Prof. Mikita Suyama Prof. Daisuke Kohda Prof. Hiroyuki Kubota Prof. Yuichi Tukada Prof. Takeshi Banba Prof. Yasuyuki Ohkawa Asso. Prof. Yoshihiro Yamanishi Asso. Prof. Hiroki Shibata Asso. Prof. Atsushi Shimada Asso. Prof. Shinsuke Uda Asso. Prof. Yoshihiro Izumi	We provide comprehensive educational opportunities to students for the diverse field of medical genome sciences including molecular medicine, molecular biology, genetics and population genetics, structural biology, bioinformatics, and bioethics. We also provide the students the opportunities of joining in the cutting-edge researches, such as 1) Analysis of human variation viewed from genomic diversity; 2) Analysis of homeostatic mechanisms based on genome information; 3) Structural and functional analysis of proteins and their application for medicine; 4) Genetic analysis of multifactorial disorders and intractable disorders; 5) Development of new methods in data analyses to expand the medical knowledge.
Molecular Life Sciences	Prof. Koh Iba Prof. Shigehiko Tamura Prof. Junichi Ikenouchi Prof. Takeshi Ishihara Prof. Isao Ito Prof. Toshiki Tsurimoto Prof. Shun-ichiro Kawabata Asso. Prof. Kazuya Nomura (**) Asso. Prof. Juntaro Negi Asso. Prof. Makoto Koga Asso. Prof. Takayuki Teramoto Asso. Prof. Tatsuro Takahashi Asso. Prof. Takumi Koshiba	The eukaryotic cell is a core structural unit for the constitution of bodies of higher organisms, and utilizes highly sophisticated membrane structures to perform various life functions. The division of Molecular Life Sciences conducts education and research of integrated biology of animals and plants from basic structure of genes to high-order function of bodies, focusing on the following aspects: mechanisms of chromosomal DNA replication to maintain genome structures; molecular dynamics of high-ordered structures from protein complexes to organelles managing cellular functions; signaling mechanisms through cell-cell communication for cell proliferation, cell formations and regulation of the metabolism; and mechanistic features of functions in individual bodies including development and differentiation, formation of neural networks and immune systems. We also provide basic lectures to students of other divisions aiming to improve their understanding of molecular biology. The lectures include basic structures and functions of the cell, developmental mechanisms of individual bodies from fertilization to highly organized cell society, and coordination of nerve systems to manage high-ordered biological activities.
Biological Sciences	Prof. Teiichi Tanimura (*) Prof. Tetsukazu Yahara Prof. Yoh Iwasa (**) Prof. Yoshitaka Kobayakawa Prof. Hidenori Tachida Prof. Mutsunori Tokeshi Asso. Prof. Eiichi Kasuya Asso. Prof. Akiko Satake Asso. Prof. Natsuko Hamamura Asso. Prof. Shingo Iwami Asso. Prof. Alfred E. Szmids (**) Asso. Prof. Toshiyuki Hayakawa	Recent developments in ecology and evolutionary biology provide us better tools to investigate interactions among individuals and the coexistence of species within ecosystems. Similar advances in other branches of biology have likewise led to improved knowledge and technique. At the level of individuals and the cell developments in physiology have refined our methodologies of analyzing biological phenomena. Comparable advances in molecular biology have enhanced our knowledge of genomes and clarified details of the mechanisms underlying physiological processes. The current requirement is to integrate all such developments to investigate interactions between organisms and their environment and to deepen our understanding of the mechanisms underlying various biological attributes found at the levels of individuals and populations. With this in mind, our study areas include 1) perceptions of, and responses to, environmental stimuli in animals, 2) reception of, and responses to, light in plants, 3) adaptive strategies in reproduction and social structure in organisms, 4) establishment and maintenance of community structure in marine organisms, 5) molecular evolution and the maintenance of genetic diversity, and 6) mathematical aspects of complex biological phenomena. In such a focus we aim to integrate biological knowledge from the molecule, cell, individual and population levels. By participating in our division, students can learn how to conduct cutting-edge research on mechanisms of animal and plant responses to environmental stimuli, ecological interactions between organisms and environments, and the generation and maintenance of biodiversity.

(*) ; will be retired on March 31, 2017.

(**) ; will be retired on March 31, 2018.

Keywords for each educational group

	Educational group	Staff	Keywords
Bioinformatics	Data Mining and Bioinformatics	Professor Einoshin Suzuki	Data Mining, Machine Learning, Discovery Robot http://www.i.kyushu-u.ac.jp/~suzuki/suzuki.html
		Associate Professor Osamu Maruyama	Systems biology, Computational biology, Algorithms, Machine learning http://www2.math.kyushu-u.ac.jp/~om/
	Neuroimaging and Neuroinformatics	Professor Keiji Iramina	Neuroimaging, Measurement of Brain Function, Biomedical Engineering, Brain Computer Interface (BCI), Magnetencephalogram (MEG), Electroencephalogram (EEG), Near-Infrared Spectroscopy (NIRS), Transcranial Magnetic Stimulation (TMS)
		Associate Professor Tsuyoshi Okamoto	Computational Neuroscience (computer simulation of visual cortex), Neuroinformatics (analyses of electrophysiological data: EEG, MEG), Experimental Neuroscience (assessment of living environment) http://artsci.kyushu-u.ac.jp/~okamoto/index.en.html
	Biomathematical Science	Professor Seiichi Uchida	Visual Information Processing, Signal Processing, Image Processing, Optimization, Pattern Recognition, Database
		Associate Professor Kei Hirose	L1 Regularization, Sparse Estimation, Model Selection, Multivariate Analysis, Factor Analysis
	Bioelectronics	Professor Kiyoshi Toko	Taste sensor, Ultra high sensitive biosensor, Kansei biosensor, Electronic material, Functional material http://ultrabio.ed.kyushu-u.ac.jp/tope.htm
		Professor Kenshi Hayashi	Organic electronic material and devices, Odor sensor, Odor informatics http://o.ed.kyushu-u.ac.jp/oeclab_e/Welcome.html
	Gene Expression Control	Associate Professor Kosuke Tashiro	transcriptional regulation, cell differentiation, animal development, environmental microorganism, transcriptome
	Biological Information Systems	Professor Masahiro Okamoto	Bioinformatics, nonlinear dynamics, system biology, evolutionary algorithm, computer simulation http://www.brs.kyushu-u.ac.jp/~okahon/
		Associate Professor Taizo Hanai	Synthetic Biology, Metabolic Engineering, Systems Biology, Bioalcohol, Bioinformatics, Artificial Genetic Network, Medical Application http://www.brs.kyushu-u.ac.jp/~taizo/indexe.htm
	Cognitive Neuroscience	Professor Johan Lauwereyns	Decision Making, Information Processing, Neural Circuits, Cognitive Neurodynamics, Neurophysiology, Visual Perception, Behavioral Analysis http://www.sls.kyushu-u.ac.jp/~dubito/

Keywords for each educational group

	Educational group	Staff	Keywords
Life Engineering	Life Process Engineering	Professor Masamichi Kamihira	Biomedical Engineering, Tissue Engineering, Genetic Engineering, Virus Engineering, Transgenic Animals http://www.chem-eng.kyushu-u.ac.jp/lab3/Eng_ver.html
		Associate Professor Hiroshi Mizumoto	hybrid artificial liver, regenerative medicine, stem cell, multicellular organoid, animal cell culture http://www.chem-eng.kyushu-u.ac.jp/lab6/english/
	Assembled Chemistry for creating functions	Professor Yoshiki Katayama	Intracellular signal transduction, drug delivery system, gene delivery system, biochip, biomaterials, bioanalysis http://www.chem.kyushu-u.ac.jp/~katayama/en/index.html
		Associate Professor Akihiro Kishimura	Soft Materials, Supramolecular Chemistry, Drug Delivery System, Nano-reactors, Nano-physiology http://www.chem.kyushu-u.ac.jp/~katayama/en/index.html
		Associate Professor Takeshi Mori	Biomaterials, Drug Delivery System, Regenerative Medicine http://www.chem.kyushu-u.ac.jp/~katayama/en/index.html
	Life Engineering and Physics	Professor Kazuhiro Hara	Hydrogels, Hydrocolloids, Synchrotron-light, Neutron scattering, Environment Purification http://www.sls.ap.kyushu-u.ac.jp/
		Associate Professor Hiroataka Okabe	Biophoton, Reactive Oxygen, Optical Somatometry, Soft Matter Actuator, Biomimetics, Biophysics http://www.sls.ap.kyushu-u.ac.jp/
	Biofunctional Engineering	Professor Susumu Kudo	Biomechanics, Biotransport, Biomaterials, Cellular Mechanics http://www.bfe.mech.kyushu-u.ac.jp/pub.html
	Microsystems and Medical Engineering	Professor Renshi Sawada	Optical MEMS (Micro Mechanical Electro Mechanical Systems), medical engineering, Bio-microsystems, Micro displacement sensor, Blood flow sensor, Microencoder, Nanoimprint, Avian influenza http://nano-micro.mech.kyushu-u.ac.jp/top_Eng.html
	Cellular Regulation Technology	Associate Professor Yoshinori Katakura	Aging, Anti-aging, Functional food, Life-style-related disease
	Structural Biology	Professor Makoto Kimura	Biochemistry, Ribozyme, RNA processing, Structural biology, Structural genomics, Translational regulation
		Professor Yoshimitsu Kakuta	Structural biology, biochemistry, gene translation, gene translation, starch engineering, sulfotransferase, glycosyltransferase

Keywords for each educational group

	Educational group	Staff	Keywords
Medical Molecular Cell Biology	Molecular Cell Biology	Professor Hisao Kondo	Organelles, Cell cycle, membrane fusion, ER, Golgi
	Biology of Sex Difference	Professor Ken-ichiro Morohashi	sex differentiation, tissue specific expression, nuclear receptor http://www.med.kyushu-u.ac.jp/seisaseibutu/
	Computational Biology	Professor Mikita Suyama	Comparative genomics, High-throughput data analysis, Molecular evolution
		Associate Professor Yoshihiro Yamanishi	Bioinformatics, Chemoinformatics, Systems Biology, Genomic drug discovery, High-throughput data analysis, Statistics, Machine learning http://www.bioreg.kyushu-u.ac.jp/labo/systemcohort/index.html
	Medical Genomics	Associate Professor Hiroki Shibata	Human genetics, Population genetics, Genome diversity, Molecular evolution, Psychiatric disorder, Neurological disorder http://www.gen.kyushu-u.ac.jp/~byouin/
	Structural Life Science	Professor Daisuke Kohda	Structural biology, X-ray crystallography, Nuclear Magnetic Resonance (NMR), Cryoelectron Microscopy, Molecular recognition mechanism, Weak protein-ligand interactions with wide specificities, Mitochondrial import system, N-glycosylation system, NADPH oxidase system http://vsb.bmr.kyushu-u.ac.jp/VSB/index_en.html
		Associate Professor Atsushi Shimada	Structural biology, X-ray crystallography, Endocytosis, Cytoskeleton, Signal transduction http://vsb.bmr.kyushu-u.ac.jp/VSB/index_en.html
	Integrated Omics	Professor Hiroyuki Kubota	Trans-omic, Integrated-Omics, Systems Biology, Mathematical Simulation, Computer Simulation, Homeostasis, Signal Transduction, Mebolism http://www.bioreg.kyushu-u.ac.jp/labo/omics/index_en.html
		Associate Professor Shinsuke Uda	Trans-omics, Systems biology, Signal transduction, Insulin, Information science, Statistical data analysis, Numerical simulation http://www.bioreg.kyushu-u.ac.jp/labo/omics/index_en.html
	Cellular Memory	Professor Yuichi Tukada	Cellular Memory, Epigenetics, Epigenome, Chromatin, Genome Reprogramming, Cell Fate Determination
	Metabolomics	Professor Takeshi Banba	Metabolomics, Metabolome, Metabolism, Analytical chemistry, Disease analysis, Toxicology, Food functional analysis http://bamba-lab.com/?lang=en
		Associate Professor Yoshihiro Izumi	Metabolomics http://bamba-lab.com/?lang=en
	Transcriptomics	Professor Yasuyuki Ohkawa	Transcriptomics, Transcription, Gene Regulation, Epigenome, Chromatin, Deep sequencing technology, Cell differentiation, skeletal muscle differentiation, Bioinformatics http://tx.bioreg.kyushu-u.ac.jp/

Keywords for each educational group

	Educational group	Staff	Keywords
Molecular Life Sciences	Molecular and Development Cell Biology	Associate Professor Kazuya Nomura	glycome, C. elegans, glycobiology, proteome, membrane biology http://seibutsu.biology.kyushu-u.ac.jp/~nomura/index.html
	Plant Molecular Biology	Professor Koh Iba	Environmental/Stress Plant Physiology, Stomatal CO2 Signaling, Arabidopsis thaliana http://www.biology.kyushu-u.ac.jp/~plant/
		Associate Professor Juntaro Negi	Arabidopsis thaliana, Stomata, Anion channel, Transcription Factor, Chloroplast http://www.biology.kyushu-u.ac.jp/~plant/
	Molecular Cell Biology	Professor Shigehiko Tamura	Organelle biogenesis, Protein kinesin, Peroxisome biogenesis disorder and pathogenic gene, Peroxisome assembly factors, peroxins, http://www.biology.kyushu-u.ac.jp/~taisha/
	Membrane Cell Biology	Professor Junichi Ikenouchi	Epithelial Polarity, Cell Adhesion, Lipids, Epithelial-mesenchymal transition http://www.biology.kyushu-u.ac.jp/~taisha/Ikenouchi%20-%20EN/index_EN2.html
	Molecular Genetics	Professor Takeshi Ishihara	C. elegans, Behavioral Genetics, Live Imaging, Brain, Neural Network, Molecular Mechanisms, Informational Processing, Olfaction, Behavioral Plasticity, Behavioral Regulation by Internal Environments http://www.biology.kyushu-u.ac.jp/~bunsiide/
		Associate Professor Makoto Koga	C. elegans, Molecular Genetics, Manic Depression, Lithium Ion http://www.biology.kyushu-u.ac.jp/~bunsiide/
		Associate Professor Takayuki Teramoto	C. elegans, Neuronal Network, Fluorescence Imaging, Calcium Ion, Magnesium Ion, http://www.biology.kyushu-u.ac.jp/~bunsiide/
	Molecular Neuroscience	Professor Isao Ito	Brain, Neuron, Synapse, Receptor, Plasticity http://seibutsu.biology.kyushu-u.ac.jp/~neurosci/en/index.html
	Chromosomal Functions	Professor Toshiki Tsurimoto	chromosomal replication, replication proteins, DNA polymerase, cell cycle, protein complexes http://seibutsu.biology.kyushu-u.ac.jp/~chromosome/top.html
		Associate Professor Tatsuro Takahashi	DNA repair, chromatin, mismatch repair, chromosome cohesion, homologous recombination, chromosome replication, <i>Xenopus laevis</i>
	Protein Science and Cellular Biochemistry	Professor Shun-ichiro Kawabata	Invertebrate Innate Immunity, Serine Proteases, Lectins, Antimicrobial Peptides, Transglutaminase, Protein Cross-linking, Pathogen Recognition http://www.biology.kyushu-u.ac.jp/~biopoly/
		Associate Professor Takumi Koshiba	Mitochondria, antiviral innate immunity, membrane fusion, signaling event, GTPase http://www.biology.kyushu-u.ac.jp/~koshiba/index.html

Keywords for each educational group

	Educational group	Staff	Keywords
Biological Sciences	Animal physiology	Professor Teiichi Tanimura	Drosophila, molecular neurobiology, feeding behavior, taste, learning, circadian rhythm, sleep http://www.biology.kyushu-u.ac.jp/~animphys/
	Ecology	Professor Tetsukazu Yahara	Plant reproductive ecology, conservation ecology, plant ecological genomics, speciation, daylily, Stevia, Cambodia, China, Mexico http://seibutsu.biology.kyushu-u.ac.jp/~ecology/lab/index-e.html
		Associate Professor Eiiti Kasuya	Behavioral ecology, evolution of mating behavior, sexual conflicts, social behavior, statistical analyses of ecological data http://kasuya.ecology1.org/
		Associate Professor Akiko Satake	ecology, environmental science, evolution, mathematical biology, ecogenomics http://seibutsu.biology.kyushu-u.ac.jp/~satake/en/index.html
		Associate Professor Natsuko Hamamura	Biogeochemistry, Microbial Ecology, Bioremediation, Arsenic biotransformation, Metagenomics, Microbial diversity and evolution, Ecotoxicological assessment http://hamamuralab.com/
	Theoretical Biology	Professor Yoh Iwasa	Mathematical and computational modeling of biological phenomena. Modeling of development and morphogenesis, immune system, animal behavior, life history, circadian rhythm, population extinction, evolution of cooperation, simulation. http://bio-math10.biology.kyushu-u.ac.jp/~iwasa/
		Associate Professor Shingo Iwami	Computational virology and immunology, Mathematical modeling, Quantification, Parameter estimation, HIV, HBV/HCV, Influenza virus, Lymphocyte dynamics
	Cell Function	Professor Yoshitaka Kobayakawa	Hydra, Pattern Formation, Cell Differentiation, Gametogenesis, Sexual Reproduction, Symbiosis, Molecular Phylogeny
	Evolutionary Genetics	Professor Hidenori Tachida	evolution, population genetics, molecular evolution, natural selection, speciation
		Associate Professor Alfred E. Szmidt	population, genetics, evolution, phylogeography, phylogeny http://genetics.biology.kyushu-u.ac.jp/ http://www.popgen.org
		Associate Professor Toshiyuki Hayakawa	Molecular evolution, Human evolution, Sialic acid, Glycobiology, Evolutionary medicine, Mental disorder
	Marine and Fresh water Biology	Professor Mutsunori Tokeshi	community ecology, biodiversity, coastal ecosystems, coral reef systems, freshwater ecosystems http://ambl-ku.jp/

九州大学大学院システム生命科学府 博士課程願書 (外国人留学生特別入学試験)

THE GRADUATE SCHOOL OF SYSTEMS LIFE SCIENCES, KYUSHU UNIVERSITY
APPLICATION FORM FOR ADMISSION (SPECIAL SCREENING FOR INTERNATIONAL STUDENTS)

Year(年) _____ Month(月) _____ Day(日) _____

(受験番号) Application ID Number	※ 3 S L			Paste your passport-size photograph taken within the past 6 months. Write your name and nationality in block letters on the back of the photo. (過去6ヶ月以内に撮影したパスポートサイズ(4cm×3cm)の上半身の写真を貼ること。写真の裏に氏名と国籍を記載すること。) (4cmX3cm)
姓名(日本語またはローマ字) Name in Japanese or Roman block capitals	Sur name, Given name, Middle name			
本籍/国籍 Nationality				
誕生日 Date of birth	Year(年) / Month(月) / Day(日)			
年齢 Age	Age(年齢),	(性別) Gender	<input type="checkbox"/> Male(男) <input type="checkbox"/> Female(女)	
(希望する研究分野) The preferred division				
(希望する指導教員) The preferred supervising Professor				
現住所 Present address	〒 _____			
	携帯番号 Mobile phone number :			
	E-mail address :			
最終学歴 The latest academic background	大学名 University	学部名 Graduate school	専攻名 Department	
	Year(年) / Month(月) / Day(日)		<input type="checkbox"/> completed (卒業) <input type="checkbox"/> will complete (卒業見込)	
書類送付先 Destination of documents	〒 _____			

1. 申請書はWord等のワープロソフトで作成するか、楷書で記入すること。
Application should be typewritten or handwritten in Roman block capitals.
2. アラビア数字(算用数字)を使用すること。Numbers should be in Arabic figures.
3. 固有名詞は省略しないこと。Proper nouns should be written in full, and not be abbreviated.
4. ※の欄は記入しない。Do not fill in at the blank marked※.
5. 九州大学に在籍している場合は、学籍番号をカッコ内に記入すること。Applicants who are students of Kyushu University must fill in the student ID number to the right between parentheses.
(student ID number (学籍番号) : _____)

Curriculum vitae (履歴書)

Educational background (学歴):

		Names and Address of School (学校名及び所在地)	Officially required number of years of schooling (正規の修学年数)	Year and Month of Entrance and Completion (入学及び卒業年月)	Duration of Attendance (修学年数)	Qualification (取得資格)	Major Subject (専攻科目)
Primary Education (初等教育) Elementary School (小学校)		Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and mons (月)		
Secondary Education (中等教育) Secondary School (中高等学校)	Lower (中等学校)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and mons (月)		
	Upper (高等学校)	Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and mons (月)	※	
Tertiary Education (高等教育) Undergraduate Level (大学)		Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and mons (月)		
Graduate Level (大学院)		Name (学校名) Location (所在地)	yrs (年)	From (入学) To (卒業)	yrs (年) and mons (月)		
Total of the years of schooling mentioned above (以上を通算した全学校教育修学年数) *as of April 1, 2016 (2016年4月1日現在)			yrs (年)				

Note (留意事項):

- Kindergarten education or nursery school education is excluded. (幼稚園・保育園教育は含まれない。)
- Preparatory education for university admission is included in secondary education. (いわゆる「大学予備教育」は中等教育に含まれる。)
- In the case that the applicant has passed the qualifying examination for admission to a university, indicate so in the blank marked ※.
(「大学入学資格試験」に合格している場合には、その旨※欄に記入すること。)
- Any school years or levels skipped should be indicated in the fourth column (Diploma or Degree Awarded, Major Subject, Skipped Years/Levels). (Example: Graduated high school in 2 years.) (いわゆる「飛び級」をしている場合には、その旨を該当する教育課程の「学位・資格・専攻科目・飛び級の状況」欄に記入すること。(例) 高校3年次を飛び級により短期卒業)
- Calculate and write the total number of years studied based on duration as a student. (including extended leave such as summer vacation) (修学年数合計は在籍期間を算出し、記入すること。(長期休暇も含める))
- You may use a separate piece of paper if the above space is insufficient. In such a case, please stipulate that the information is on a separate page. (上記に書ききれない場合は、別紙に記入することも可能。しかしその場合は、別紙に記入する旨を上記学歴欄に明記すること。)

Employment Record: Begin with the most recent employment, if applicable. (職歴)

Name and Address of Organization (勤務先及び所在地)	Period of Employment (勤務期間)	Position (役職名)	Type of Work (職務内容)

Note (留意事項): State the titles, if any, of books or papers (including graduation thesis authored by the applicant) (mention the name and address of publisher as well as the date of the publication) in the RESEARCH RECORD. (著書、論文、(卒業論文を含む)があれば、研究業績概要調書(様式4)に、その題名、出版社名、出版年月日、出版場所を記入して提出すること。)

(様式3 (外国人特別) / Form-3_ Special Screening for International Students)

九州大学大学院システム生命科学府 受験票 (外国人特別選抜)

The Graduate School of Systems Life Sciences, Kyushu University

EXAMINATION CARD (Special Screening for International Students)

※ (受験番号) Application ID Number	※	Paste your passport-size photograph taken within the past 6 months. Write your name and nationality in block letters on the back of the photo. (過去6ヶ月以内に撮影したパスポートサイズ(4cm×3cm)の上半身の写真を貼ること。写真の裏に氏名と国籍を記載すること。) (4cmX3cm)
姓名(ローマ字) Name in Roman block capital		
注意事項: (1) ※の欄は記入しないでください。 (2) 試験時に受験票を持参すること。 (3) 受験票を忘れた場合は、受験できない場合があります。 Note: 1. Do not fill in at the blank marked ※. 2. Keep this card during the examining. 3. Those who don't have this card cannot enter the examination room.		

入学検定料受付証明書貼付台紙
Request Form for Remittance of Application fee

志望学府 Graduate school	大学院システム生命科学府 The Graduate School of Systems Life Sciences
住所 Address	〒 ー
氏名 Name (block capitals)	
連絡先 (TEL)	
貼 付 欄	
A copy of receipt for transfer of the screening fee should be attached.	
<p>【銀行振込の場合】 C票（「九州大学」入学検定料振込金受付証明書）をこの枠内に貼付すること</p> <p>【コンビニエンスストアでお支払いの場合】 「入学検定料・選考料 取扱明細書」の『収納証明書』部分を切り取り、この枠内に貼付すること</p> <p>【クレジットカードによるお支払いの場合】 支払い終了後に表示される「受付終了画面」をプリントアウトし、住所・氏名・連絡先（TEL）記入した、入学検定料受付証明書貼付台紙と伴に出願書類に同封すること。</p>	

1. 金融機関領収印のないC票は無効です。
2. C票、収納証明書以外の貼付は無効です。
3. 剥がれないように、しっかりと糊付けしてください。
4. 住所・氏名・連絡先（TEL）を必ずご記入ください。

KYUSHU UNIVERSITY

How to make the Payment for the Application Fee by Credit Card, Union Pay, and Alipay.

24 hours a day, 365 days a year, you can pay anytime! Easy, Convenient and Simple!

You can pay the Application Fee by using Credit Card, Union Pay, and Alipay.



Access

<https://e-shiharai.net/english/>



Online Transaction

1. Top Page

Click "Examination Fee".

2. Terms of Use and Personal Information Management

Please read the Terms of use and Personal Information Management.
Click "Agree" button located in the lower part of this page if you agree with these terms.
Click "Not agree" button located in lower part of this page if you do not agree with these terms.

3. School Selection

Select "Kyushu University (Undergraduate Schools)" or "Kyushu University (Graduate Schools)."

4. School Information

Read the information carefully and click "Next".

5. Category Selection

Choose First to Fourth Selection and add to Basket.

6. Basket Contents

Check the contents and if it is OK, click "Next".

7. Basic Information

Input the applicant's basic information.
Choose your credit card and click "Next".

Paying at Credit Card

Input Credit Card Number (15 or 16-digits), Security Code and Expiration date.

All of your application information is displayed. Check and Click "Confirm".

Click "Print this page" button and print out "Result" page.

Paying at Union Pay, Alipay

Follow the onscreen instructions to complete the card payment.

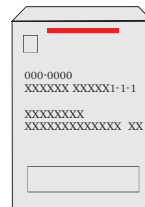
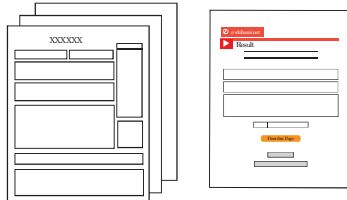
Please click the "Application Results" button in the upper part of this site (e-shiharai.net).

Please write down the "Receipt Number" given when you complete your application, and enter your "Payment Method", "Receipt Number" and "Birth Date". Please make sure your printer is ready.

Please print out the "Payment Inquiry - Inquiry result" page.

Enclose the printed "Result" page in an application envelope with other necessary application documents.

Necessary application documents



Mail it via post

POST OFFICE

[NOTICE/FAQ]

- You can make a payment anytime, during the payment period mentioned in the application instructions.
Please refer to the application instructions and complete payment in time.
- Please complete payment by 11:00 pm Japan time, on the last date of the payment period.
- Please note that refund is not possible once you have made a payment of Application fee.

- A fee is added to Examination fee. For further info, please visit our website.
- It is possible to use a card which carries a name different from that of the applicant. However, please make sure that the information on the basic information page is that of the applicant him/herself.
- If you did not print out "Result" page, you can check it later on Application Result page. Please enter "Receipt Number" and "Birth Date" to redisplay.
- Please directly contact the credit card company if your card is not accepted.

For questions or problems not mentioned here, please contact:

E-Service Support Center Tel: +81-3-3267-6663 (24 hours everyday)

(様式 5 (外国人特別) / Form-5_ Special Screening for International Students)

(出願資格 (5) 及び (6) により出願する者のみ提出すること)

(Applicants who intend to apply in accordance with qualifications (5) & (6) should submit.)

Year(年) , Month(月), Day(日)

出 願 資 格 認 定 申 請 書

Application for Recognition of Academic Requirements

九州大学大学院システム生命科学府長 殿

To Dean

The Graduate School of Systems Life Sciences,
Kyushu University

(姓名 (ローマ字))

Name in Roman block capitals

(姓名 (カタカナ (記載可能な者のみ)))

Name in Japanese Katakana (If you know)

(誕生日)

Date of Birth Year(年) / Month(月) / Day(日)

このたび貴学府博士課程入学試験に出願するに先立ち、出願資格の事前審査を受けたく、関係書類を添えて申請いたします。

For an individual evaluation of academic requirements as an applicant to Doctoral Course of The Graduate School of Systems Life Sciences, Kyushu University, I hereby apply for the all the documents related.

(出願資格) Qualifications for Application	<input type="checkbox"/> (5) <input type="checkbox"/> (6)
(希望する研究分野) The preferred division	
(希望する指導教員) The preferred supervising Professor	

