University of Miyazaki

Graduate School of Agriculture

Graduate School code: *55*

Web site:【 *http://www.agr.miyazaki-u.ac.jp/english/introduction/grad/grad-after2014.html* 】

1. Graduate School code	*55*	
2. Maximum number of participants	3 Participants per year	
3. Fields of Study	□Environmental Science □Marine Science □Meteorology □Natural Disaster/ Disaster Prevention Science □Tourism □Politics □Economics □Sociology □Education □Engineering ■Agriculture (incl. Fisheries) □Geology □ICT □Medical Science □Others( )	
Sub Fields	1. Veterinary/Animal Husbandry 2. Irrigation, Water and Soil Management 3. Rural Development 4. Agricultural Economics 5. Horticulture 6. Plant Protection/Genetic and Plant breeding 7. Others	
4. Program and Degree	**Program**	International Course of Agriculture
	Degree	Master of Agriculture Master of Fisheries Master of Science
5. Standard time table (Years needed for graduation)	Research student (6 months) → Graduate school student (2 years)	
6. Language of Program	Class: 21/21 (Classes in English/ All classes) Text: All English Lecture: All English	
7. Desirable English level and Necessary	**Linguistic Ability**	TOEFL iBT: 61, PBT: 600, IELTS: 5.0 is desirable to apply.
	EJU, IELTS, GRE or else	1. Those who have learned in the university more than 3 years, or have completed 15 years of school education in

Academic background		countries except Japan, and recognized by the Graduate School of Agriculture, University of Miyazaki to have obtained the obligatory credits with excellent scores. 2. Those who been individually examined the qualifications and are recognized by the Graduate School of Agriculture, University of Miyazaki as having academic ability equal to, or superior to university or college graduates, and aged 22 years old or over.
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	Inquiry mail is **MUST** and the contact address is below: Administration Office, n-kokusai@of.miyazaki-u.ac.jp **All the applicants are required to write the name of supervisor/professor clearly.**	
9. Website	http://www.agr.miyazaki-u.ac.jp/english/introduction/grad/grad-after2014.html	

10. Professors and Associated Professors	**Name**	**Research Subject、Contact (e-mail)、special message for the Future students**
	TETSUMURA, Takuya(Dr.) **Professor**	Cutting propagation and micropropagation of fruit trees. Evaluation of fruit trees on dwarfing rootstocks. http://www.cc.miyazaki-u.ac.jp/pomology/index.htm
	YUASA,Takashi (Dr.) **Professor**	Improvement of yield production and stress tolerance in crops https://www.researchgate.net/profile/Takashi_Yuasa3/contributions?ev=prf_act <Special Message> We are focusing on stress tolerant mechanism, biofuel production and nutrient translocation using rice, soybean, cowpea, cotton and sweet potato on aspects of physiology and molecular biology at Crop Science laboratory.
	TAKESHITA, Minoru(Dr.) **Professor**	Plant-virus interactions and insect vector transmission of plant virus http://www.cc.miyazaki-u.ac.jp/planpath/
	OHNO, Kazuro (Dr.) **Associate Professor**	Pest management with conservation biological control for environmentally safer and sustainable agriculture http://www.cc.miyazaki-u.ac.jp/ohnok/
	INABA, Takehito (Dr.) **Associate**	Organelle biogenesis in plant cell and its role in environmental adaptation

	Professor	http://www.inabalab.org/
	GEJIMA, Yoshinori (Dr.) **Associate Professor**	Mechanization and information technology for high quality agricultural production http://www.agr.miyazaki-u.ac.jp/~agrenv/gejima.html
	Masuda Jun-ichiro (Dr.) **Associate Professor**	Breeding and environmental control of plant growth in vegetabele crops. http://www.agr.miyazaki-u.ac.jp/~agrenv/staff.html
	INABA, Yasuko (Dr.) **Associate Professor**	The molecular mechanism underlying thermogenesis in the reproductive organs of primitive seed plants.
	MATSUO, Mitsuhiro (Dr.) **Senior Assistant Professor**	Development of weed management for low input sustainable agriculture http://www.cc.miyazaki-u.ac.jp/mmatsuo/kibana_fsl_index.html I'm waiting for persons who have a basic knowledge of weed science and its management.
	ITO, Satoshi (Dr.) **Professor**	Biodiversity conservation and ecosystem services in forest landscape http://www.cc.miyazaki-u.ac.jp/s.ito/ito-e.html
	INAGAKI, Hitone (Dr.) **Professor**	Optimization design of water conveyance systems for irrigation pipeline and canal systems https://srhumdb.miyazaki-u.ac.jp/webopen/search?method=view&id=30
	FUJIKAKE, Ichiro (Dr.) **Professor**	Forest management and regional forest economy for timber production and environmental conservation
	TASUMI, Masahiro (Dr.) **Professor**	Large-scale irrigation and environmental planning/monitoring using satellite remote sensing technique http://www.cc.miyazaki-u.ac.jp/tasumi/index_e.htm <Special message> I welcome irrigation engineer who would like to study hard on the topic related to land and water resources management using state-of-the-art satellite remote-sensing technique.
	MITSUDA,Yasushi (Dr.) **Professor**	Forest Planning for multiple functions of forest https://srhumdb.miyazaki-u.ac.jp/webopen/search?method=view&id=100000922

	TAKESHITA, Shinichi (Dr.) **Associate Professor**	Agricultural hydrology and meteorology http://www.cc.miyazaki-u.ac.jp/takeshita/index.html
	SAKURAI, Rin (Dr.) **Associate Professor**	Forest Engineering for harvesting https://srhumdb.miyazaki-u.ac.jp/webopen/search?method=view&id=100001478 Those who take interest to utilization of forest, harvesting techniques, forest road planning, and supply chain management are welcomed.
	SHINOHARA, Yoshinori (Dr.) **Associate Professor**	Hydrology and Erosion control <Special message> If you are eager to study hard with me, I will support you.
	HIRATA, Ryoko (Dr.) **Senior Assistant Professor**	Wildlife management in forest landscape https://srhumdb.miyazaki-u.ac.jp/webopen/search?method=view&id=100001393
	SAKAI, Masahiro(Dr.) **Professor**	Genome analysis on aquatic animal http://www.agr.miyazaki-u.ac.jp/~abs/marine_biotech/index.html
	YAMASAKI, Masao(Dr.) **Professor**	Physiological function of conjugated fatty acids http://www.agr.miyazaki-u.ac.jp/~abs/nishiyama_yamasaki/index.html
	SAKAKIBARA, Hiroyuki(Dr.) **Professor**	Food and nutritional study based on chronobiology http://www.agr.miyazaki-u.ac.jp/~abs/nbc/index.html
	NAKANISHI, Tomonori (Dr.) **Associate Professor**	Studies on functional components of animal products http://www.agr.miyazaki-u.ac.jp/~abs/staff/nakanishi.html
	HIRANO, Tomonari(Dr.) **Associate Professor**	Ornamental plant breeding
	YAMAMOTO, Akihiro(Dr.) **Associate Professor**	Physiology and biochemistry of plant production http://www.agr.miyazaki-u.ac.jp/~abs/sspn/index.html

	YOSHIDA, Terutoyo (Dr.) **Professor**	Fish pathogens and its virulence mechanisms http://www.agr.miyazaki-u.ac.jp/~fishery/staff/staff08/
	URBANCZYK, Henryk (Dr.) **Associate Professor**	Systematics of animal-associated marine bacteria. http://www.cc.miyazaki-u.ac.jp/vibrio/english/index.html <Special message> It's not easy to be an international student in Japan. I know because I used to be a student in Japan. With my experience, I will be able to help international students adjust to living in Miyazaki, so that they can focus on their studies.
	TAOKA, Yousuke (Dr.) **Associate Professor**	Microbial ecology and applied microbiology for industrial utilization http://www.agr.miyazaki-u.ac.jp/~fishery/staff/staff12/ <Special message> I'm waiting talents who have strong motivation and passion for study.
	FUKAMI, Hironobu(Dr.) **Associate Professor**	Reproduction, taxonomy, and evolution of corals http://www.agr.miyazaki-u.ac.jp/~fishery/staff/staff04/
	AKASHI, Ryo (Dr.) **Professor**	Genetic resource, breeding and biotechnology of forage plants http://www.brc.miyazaki-u.ac.jp/
	ISHII, Yasuyuki (Dr.) **Professor**	Herbage production for livestock and resources http://www.agr.miyazaki-u.ac.jp/~grassland/education/fcs/
	IEIRI, Seiji (Dr.) **Professoer**	Animal management and environment assessment systems http://www.agr.miyazaki-u.ac.jp/~ags/
	KOBAYASHI, Ikuo (Dr.) **Associate Professor**	Proper management for livestock production http://www.miyazaki-u.ac.jp/sfield/index.html
	IDOTA, Sachiko (Dr.) **Associate Professor**	Herbage production and soil environments in grassland http://www.agr.miyazaki-u.ac.jp/~grassland/education/fcs/indexe.html
	OSAWA, Takeshi (Dr.) **Professor**	Animal Reproduction http://www.agr.miyazaki-u.ac.jp/~vet/rinpan/english.html <Special message>

		Self-motivated individuals with teamwork skills and communication skills are welcomed.
	HIRAI, Takuya (Dr.) **Associate Professor**	Veterinary Pathology, Pathology of infectious diseases http://www.agr.miyazaki-u.ac.jp/~vet/Vet_path/index.html
	SEKIGUCHI, Satoshi(Dr.) **Associate Professor**	Veterinary epidemiology and risk analysis for infectious disease https://srhumdb.miyazaki-u.ac.jp/webopen/search?method=view&id=100000841 <Special message> The objective of our project is prevention and control of livestock infectious diseases. You are supposed to study not only research project but also basic science, linguistics, communication and culture. You have to learn a lot and undergo rigorous training within a time limit. This project hinges on your motivation!
	YAMAZAKI, Wataru (Dr.) **Associate Professor**	Food safety, Diagnostic methods for animal infectious diseases http://www.agr.miyazaki-u.ac.jp/~vet/Vet-publichel2/index.htm <Special message> Impossible? I'm possible. Yes, we are possible. We can collaborate for the better future.
11. Features of University	【Brief History of Faculty of Agriculture, University of Miyazaki】 Faculty of Agriculture, University of Miyazaki (UOM) is one of the prestige faculties in Japan, originating from Miyazaki Advanced Agricultural and Forestry School. UOM has four faculties: Education and Culture, Medicine, Engineering, and Agriculture. Among these, Faculty of Agriculture consists of six Departments, Dept. of Agricultural and Environmental Sciences, Dept. of Forest and Environmental Sciences, Dept. of Biochemistry and Applied Biosciences, Dept. of Marine Biology and Environmental Sciences, Dept. of Animal and Grassland Sciences, and Dept. of Veterinary Sciences. UOM is expanding its characteristic education and research in the interdisciplinary fields of bioscience and environment science flexibly and in various directions. The Interdisciplinary Graduate School of Agriculture and Engineering, founded on the academic disciplines of agriculture and engineering and achievements gained through cooperation between them, aims at educating advanced technical specialists who will contribute to a technology and knowledge-based society. In addition, UOM has established the first Interdisciplinary Graduate School of Medicine and Veterinary Medicine in Japan in April 2010. 【Location】 Miyazaki Prefecture is located in the south-western part of Japan, at about the same latitude as Nanjing (China), Lahore (India), and San Diego (USA). The Western area of the Prefecture is mountainous, consisting of the Kyushu mountain range and the Kirishima volcanic zone, and the Eastern border is the coastline of the Pacific Ocean. It is blessed with abundant natural treasures, blue sea, shining sun, green earth and a year-round warm climate. It is famous for production area of horticultural and stockbreeding products due to suitable natural conditions. It is also well-known as the training camp for all kinds of sports teams. Miyazaki City is the prefectural capital, with a population of approximately 400,000 and prices are the lowest among	

	the prefectural capitals in Japan. So, it is selected one of the best cities to live in Japan. 【Our Goals and Philosophy】 As we explore the profound truths of nature, inheriting and advancing science, culture, and craft as the fruit of human wisdom, our quest at University of Miyazaki is to cultivate the talented youth who will deliver the answers to society's needs and our ever-changing times. It is our mission, as well, to enhance the culture and intellectual life of our region and the welfare of its citizens, in particular by creating interdisciplinary programs in the life sciences that will serve the welfare and prosperity of all humanity, fostering science to preserve the natural environment that is the origin of all life.
12 . Features of Graduate School	【Graduate School of Agriculture】 Graduate School of Agriculture aggressively promotes creative and academic educational research aiming to train technical experts and researchers who are able to cope with the remarkable progress of recent technologies. We are maintaining international academic exchanges through social requests as well as to deepen educational research rooted in the community. At present UOM has research and educational exchange agreements with 56 universities and institutions in 19 countries and regions, approximately 170 international students are currently enrolled. Our teaching staffs had worked with many researchers of different countries especially in South East Asia, Africa, and South America, having been dispatched to many developing countries as long term and short term JICA experts. Research fields corresponding to the Project are Agro-machinery, Animal Husbandry, Veterinary, Irrigation, Agronomy, Animal Science, Agriculture, Plant Protection, Horticulture, Agriculture Research Development, and Pomology, and so on. *See Annex 1*
13 . Features and Curriculum of Program	【International Course of Agriculture】 Exploiting the benefits of specializing in agriculture (single-subject specialization) and considering globally emphasized issues, particularly by ASEAN nations, this course provides three types of practice programs: cross-cutting, task-pursuing, and problem-solving types. As well as implementing mutual exchange education in cooperation with overseas academic exchange partner institutions, the course aims to develop highly skilled experts and researchers who can globally contribute to exploiting and developing their diverse and advanced expertise and skills relating to agriculture. Another feature of this course is the fact that all lectures are provided in English in principle. *See Annex 2* #The maximum of 15 credits obtained at the other graduate course or 10 credits obtained at the other graduate school will be counted as the part of 30 credits which will be required for getting Master degree at University of Miyazaki. Research student will prepare his research plan with discussion of his supervisor from October to March. Also he develops his skill and knowledge of his interest, by receiving the lectures, looking around the concerning experimental stations and fields, attending the seminars and carrying out the preliminary experiments during that time. In addition, he can receive the basic Japanese lesson according to his ability. He will enter graduate school as Master course from April and start his work for implementation of the plan.

14. Academic Schedule	【Research Student】 Screening of Application materials: May 2018 Announcement of Entrance Examination results: Depending on the Pacific-LEADS Project schedule Entrance: October 1st 2018 Autumn Semester: 1 October 2018～31 March 2019 【Graduate School of Agriculture】 [Ordinary Schedule] Entrance Examination for Foreign student: January 2019 Announcement of Entrance Examination results: February 2019 Entrance: April 1st 2019 Spring Semester: 1 April 2019～30 September 2019 Autumn Semester:1 October 2019～31 March 2020 Graduation: March 2021
15. Supporting service to International Students	
International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.	**Global Support Office (GSO), Center for International Relations** GSO staff will support you in all the basics of your daily life in Miyazaki. http://www.of.miyazaki-u.ac.jp/~kokusai/english/contents/study-abroad/index.html
Provision of Student Dormitory	We provide 4 international Houses (Dormitory). You can apply to live dormitory which you want live. The details of these dormitories are as follows. ① **University International Housing** Location: KIBANA campus, Type: For single, Lodging: About 12,000 yen per month (include utilities charge) * As a general rule, the period of residence is one year. ② **University KIYOTAKE Dormitory**; (reconstructed in 2014) Location: KIYOTKE campus, Type: For single, Lodging: About 25,800 yen per month (include utilities charge and WiFi) *Full furniture (do not have to buy electrical appliances) * As a general rule, the period of residence is one year. ③ **University KIBANA Dormitory**; (constructed in February 2015) Location: KIBANA campus, Type: For single share type, Lodging: About 24,000 yen per month (include utilities charge and WiFi) It is a share house with a private bedroom. You'll be sharing Kitchen, shower, toilet, bath sink and washing machine between four students. *Full furniture (do not have to buy electrical appliances) * As a general rule, the period of residence is one year.
Japanese Language Education	Free Japanese lessons available We provide the following Japanese classes for international students: ***Elementary Japanese***,

Program for International Students	*Pre-Intermediate Japanese*, *Intermediate Japanese*, *Upper-Intermediate Japanese*, *Advanced Japanese*, *and Japanese Culture* according to the student's learning level.
Cultural Activities	
Any special attention to Religious Practice	The Islamic center (mosque) available
Facilities (Library etc.)	・**The University Library** ・**Cafeteria and Bookstore** ・**Health Care At the University's Health Care and Security Center**: ・**The Information Center** For more information, see the web site below: http://www.miyazaki-u.ac.jp/educul/educul.html/exchange/Int_UofM/Second_step.html
Please state other particular supporting service you are endeavoring, if any.	Tutor system available

16. Message to Prospective International Students

Message from University	Message from President http://www.miyazaki-u.ac.jp/english/contents/about_uom/message.html
Voice of International Students	Greetings, my name is Charles Kato from Tonga; I joined the University of Miyazaki to undergo a Master's degree with a major in Animal Science. It has been a very blessed and overwhelming experience since my commencement as a research student and as a first year in this master's program. I am very fortunate to be a participant on a JICA funded scholarship and further to that, I am very thankful that I came to this University where it is enriched with enormous quality staffs and surroundings that encourage and motivate my study journey. I have experienced a lot of changes from what I am accustomed to, but it has turned out to be an amazing adventure that I will always treasure. I have been properly guided through very new and unusual experiences by cooperation of the school's supporting system, supervisors, staffs, students and friends, so I could say that my transition to this totally new environment was easy and smooth. The resources to accommodate study and research are fantastic including; health center, sporting and exercise facility and many more at the University ground are there to assist with daily lives. I still have a lot to learn in terms of lectures, experiments and researches along the way in my academic journey towards a Master to accomplish at the end. So while those are my main focus I am very much enjoying my time and life in this country. The people are friendly and helpful, there are many remarkable places to visit and enjoy, there are variety of activities I am able to join and have been involved with in the school and community as well as in terms of socializing with people, experiencing life and cultures of Japan. And thus has contributed

	to my respect, admiration and appreciation to the beauty of this land and customs of its people. I really cannot put them all into words except that I must sum it all up with this statement that I am so grateful to have this short chapter of my life to live and learn in this wonderful place with such wonderful people.

Miyadai Moukun

Graduate School of Agriculture
University of Miyazaki
1-1, Gakuen-Kibanadai-Nishi, Miyazaki 889-2192, Japan
Tel：+81-985-58-2875, FAX：+81-985-58-2884

Graduate School of Agriculture

University of Miyazaki

- Course of Agricultural and Environmental Sciences
- Course of Forest and Environmental Sciences
- Course of Biochemistry and Applied Biosciences
- Course of Marine Biology and Environmental Sciences
- Course of Animal and Grassland Sciences

2017 - 2018

http://www.miyazaki-u.ac.jp/english/

UNIVERSITY OF MIYAZAKI
Graduate School of Agriculture

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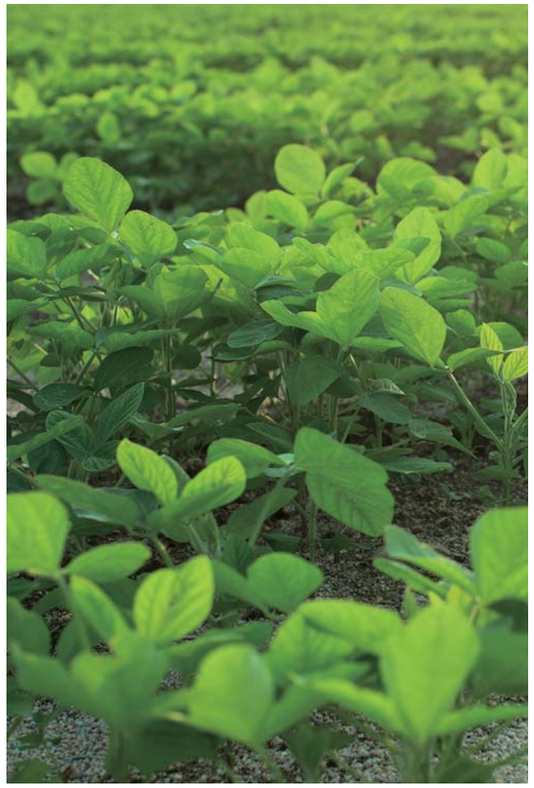


2017–2018

Hirohiko Kagawa
Prof. Ph.D.
Dean of the Graduate School of Agriculture

Message from the Dean

Mankind has flourished from generation to generation with the blessings of nature. For mankind to continue to thrive, food needs to be produced sustainably and efficiently while protecting the natural environment. To respond to these challenges, the Graduate School of Agriculture at the University of Miyazaki (UOM) offers education and research opportunities that cover almost every subject in agricultural sciences, including green crops, fruits, horticulture, forestry, grasslands, fisheries, biological functions, processing and application of foods, marine ecosystems, marine production, livestock and feed production, conservation of genetic resources, and advanced veterinary medicine, as well as studies in relevant fields such as agricultural economics and engineering including mechanical development and civil engineering. In addition, the university also owns various facilities where students can learn through hands-on experiences, including a large in-campus farm, one of the largest pasture in western Japan, a research forest consisting of cedar and unique laurels, a fishery research laboratory, a veterinary hospital, and an agricultural museum. UOM also aims to develop a global campus and accepts many international students through global talent development program at an undergraduate level and International Course of Agriculture at the Graduate School level. Courses under these programs are taught exclusively in English, and a global way of thinking can be nurtured through interactions with students of various nationalities. Our expectation is for you to develop into a talent capable of pursuing latest research in agricultural sciences that Japan proudly presents to the world, communicate achievements globally, and contribute to the growing industries that are agriculture, agroforestry, and fishery. Learn the cutting-edge science in agricultural sciences through interactions with kind and warm people in a land rich in natural environment that is Miyazaki, where forests are deep, sunshine is bright, and the sea is clear. Your enthusiasm is necessary for opening an new era.

General Information

Historical background

The Faculty of Agriculture, University of Miyazaki can trace back its origin to the Miyazaki College of Agriculture and Forestry (Departments of Agronomy, Forestry and Animal Science) which was founded in 1924. In 1949, the Miyazaki College of Agriculture and Forestry, 2 normal schools and a technical college were combined to form University of Miyazaki, and the Miyazaki College of Agriculture and Forestry set up the Faculty of Agriculture with Departments of Agronomy, Forestry, Animal Science, Veterinary Science and Agricultural Chemistry. The Faculty of Agriculture, by successively expanding into several specialized scientific fields, eventually had 8 departments: Agronomy, Forestry, Animal Science, Veterinary Science, Agricultural Chemistry, Fisheries, Agricultural Engineering and Grassland Science. In 2010, after reorganizing the Departments, the Faculty now has Departments of Agricultural and Environmental Sciences, Forest and Environmental Sciences, Biochemistry and Applied Biosciences, Marine Biological and Environmental Sciences, Animal and Grassland Sciences, and Veterinary Science. Graduate School of Agriculture for Master's course (two-year course) was established in 1967, had 5 graduate courses: Agricultural Biology, Regional Resource Management Sciences, Forest and Grassland Sciences, Fishery Sciences, Biochemistry and Applied Biosciences. From April 2007, a Doctoral course in Interdisciplinary Graduate School of Agriculture and Engineering (three-year course which combine agriculture and engineering), started with the purpose of integrating education and research fields, from April 2010 another Doctoral course in Interdisciplinary Graduate School of Medicine and Veterinary Medicine (four-year course) also commenced with the aim of producing excellent physicians, veterinarians, researchers and educators as advanced professionals. From April 2014, the graduate school of Agriculture has evolved into a new graduate course (6course) which features an “International Course of Agriculture” with English-only lectures, which surely expedites acceptance of foreign students and globalization of Japanese students.

Environment

University of Miyazaki is located in the southern part of Miyazaki City. The climate in this area is rather moderate compared with other cities in Japan. Winters in Miyazaki City are clear and mild, with the temperatures seldom below freezing. It snows only a couple of days each winter. The average winter temperatures range from 5 to 10℃. Summers are sunny, hot and wet. Some days in summer the temperature exceeds 35℃.

Admission (Application Procedure)

Applicants should receive an admission card for taking the entrance examination. In the case of application documents being sent by mail from the applicant, the admission card for taking the entrance examination will be sent back to the applicant as soon as the necessary steps have been taken. Requests for further information should be directed to the following office.

Educational Affairs Section, Faculty of Agriculture,University of Miyazaki, 1-1 Gakuen-Kibanadainishi ,Miyazaki 889-2192, Japan

Academic Calendar

	April Enrollment	Octorber Enrollment
April	Entrance Ceremony 1st Semester Begins	
August	Summer Vacation	
October	2nd Semester Begins	Entrance Ceremony 1st Semester Begins
November	Campus Festival	
March	Spring Vacation Graduation Ceremony	Spring Vacation
April		2nd Semester Begins
August		Summer Vacation
September		Graduation Ceremony

Housing

Three International Houses (dormitories) on campus, one for couples and families and the others for single students are available for foreign students in one year. Some students live in private apartment houses. Rent is, therefore, somewhat more expensive than in a dormitory. However, living expenses in Miyazaki are still lower than in the larger cities in Japan. Some municipal public housings close to the university are available for use by foreign students after the check and selection by Miyazaki municipal office.

Educational Philosophy and Objective of the Graduate School of Agriculture

Alongside the global population surge, even more critical will be the need to constantly ensure a safe and secure source of food. Accordingly, education and research into agriculture, which plays a key role in food supply, must be improved and developed both domestically and globally as an essential field for education and research.
Moreover, the rapidly borderless nature of society, triggered by the trend toward globalization, requires education of human resources capable of actively working across the world. With this in mind, the educational philosophy of the Graduate School of Agriculture is to provide in-depth education to human resources within the Department, solve issues related to food, the environment, resources and life in Japan and abroad, and help mold a society with sustainable production in harmony with the natural environment. Based on this philosophy, the Course aims to foster internationally-minded, highly skilled experts and researchers with advanced expertise and applied skills in agriculture.

Admission Policy for the Graduate School of Agriculture

The Graduate School of Agriculture welcomes students both from Japan and abroad. Students are expected to have the following:

1)undergraduate-level equivalent expertise and skills related to food, environment, resources, and life;
2)basic knowledge sufficient to identify problems in constructing a sustainable production society in harmony with the natural environment, probe their causes, and suggest solutions;
3)sufficient incentive to continue their own actions with cooperativeness and morality to solve those problems and participate actively in the global society; and
4)presentation and communication skills sufficient to articulate their own ideas logically.

Master Course

Graduate School of Agriculture

- Course of Agricultural and Environmental Sciences
- Course of Forest and Environmental Sciences
- Course of Biochemistry and Applied Biosciences
- Course of Marine Biology and Environmental Sciences
- Course of Animal and Grassland Sciences ※
- International Course of Agriculture

※Student in this course can proceed to either doctoral course.

→ Interdisciplinary Graduate School of Agriculture and Engineering (doctoral course)

→ Interdisciplinary Graduate School of Medicine and Veterinary Medicine (doctoral course)

Department of Veterinary Sciences

International Course of Agriculture

Outline of the Course

Exploiting the benefits of specializing in agriculture (single-subject specialization) and considering globally emphasized issues, particularly by ASEAN nations, this course provides three types of practice programs: cross-cutting, task-pursuing, and problem-solving types. As well as implementing mutual exchange education in cooperation with overseas academic exchange partner institutions, the course aims to develop highly skilled experts and researchers who can globally contribute to exploiting and developing their diverse and advanced expertise and skills relating to agriculture.
Another feature of this course is the fact that all lectures are provided in English in principle.

Admission Policy

1. Those who have undergraduate-level equivalent basic and applicative expertise related to food, environment, and resources with an international perspective and basic English skills to express and understand those fields
2. Those who are eager to play future roles at home and abroad in the fields related to environmentally sound biological production, integrated control of animals and plants, and storage and utilization of biological genetic resources

Special Course for International Program

Graduate Education for Global Society

In order to graduate school graduates are active in various areas of the world

ICA
International Course of Agriculture

Program for sustainable agriculture on environmental conservation

- Planta Production and Molecular Physiology
- Planta Production and Environmentally Safer Agriculture
- Agricultural Mechanization and Ergonomics
- Transition and Current Issues of Agriculture and Forestry
- Biodiversity Conservation in Agricultural and Forest Land use
- Advanced Soil and Water Engineering
- Interdisciplinary Leading-edge Technology for Functional Food Design

Integrated program for animal and plant disease management

- Fishery Production and Marine Environment
- Production and Biosecurity in Aquaculture
- Integrated Livestock Production Management
- Practice of Integrated Livestock Production Management
- Integrated Forage Production Management
- Practice of Integrated Forage Production Management
- Countermeasure of Animal Infectious Diseases

Program for conservation and use of genetic resources

- Biological genetic resources
- Role of genetic resource to society
- Bioinformatics
- Practice and method of model genetic resources 1
- Practice and method of model genetic resources 2

Conservation and utilization of biological genetic resources

The course is engaged in research on all agricultural fields, especially for environmentally sound biological production, integrated control of animals and plants, and conservation and utilization of biological genetic resources.
One of the programs is studying genetic resources as well as conservation and utilization. Zoysiagrass is commonly planted in many places and for livestock grazing. Lotus japonicus is widely distributed in Japan and used as a model plant for legumes by worldwide researchers. Germplasms of Zoysia spp. and L. japonicus have been collected throughout Japan for conservation, and morphological and genetical characterization. Besides conventional and marker-assisted breeding, we utilize genetic transformation techniques in breeding new cultivars.

Interdisciplinary Graduate School of Agriculture and Engineering (Doctoral Course)

The University of Miyazaki is expanding its characteristic education and research in the interdisciplinary fields of bioscience and environmental science flexibly and in various directions. The Interdisciplinary Graduate School of Agriculture and Engineering, founded on the academic disciplines of agriculture and engineering and achievements gained through cooperation between them, aims at educating advanced technical specialists who will contribute to a technology and knowledge-based society. This will deepen and enrich the integrated education and research field which combine agriculture and engineering and fulfill the integrated power of judgment based on breadth of knowledge. By effectively training our human resources, it will contribute to solve a pressing task in the 21st century involving development of sustainable production systems, the maintenance of social infrastructure necessary for sustainable communities, the development of new functional food working in collaboration with functions of organisms and microorganisms, the conversion from biomass in the community to useful energy-rich materials, the creation of functional materials employing nanotechnology, the application and conversion of technology for environmentally-friendly energy, energy saving, the development of highly-computerized production technology and the development of information processing system utilizing high-quality software.

Department of Environment and Resource Sciences

(1) Course of Sustainable Agricultural Technology and Science
(2) Course of Environmentally Harmonized Technology and Science

The Department of Environment and Resource Sciences aims at training advanced technical specialists who can contribute to the promotion of a safe and vigorous recycling-oriented society which is focused on lowering environmental impact by the effective use of resources and resource recycling. We attempt to achieve this goal in order to address prominent issues human beings must face such as the depletion of resources, the deterioration of nature and habitats, the global food shortage etc. Therefore, it is our responsibility to promote and deepen education and research in hopes of creating a sound system involving recycling and symbiosis with the environment by uniting cities, farming lands and forests. In addition we seek to educate on methods to achieve a system of low environmental impact which promotes safe and affluent living by saving, reusing and recycling materials.

Department of Applied Biological Science

(1) Course of Bioscience and Biotechnology
(2) Course of Marine Biological Science

The Department of Applied Biological Science aims to train advanced technical specialists who can attain understanding of the various functions involving animals and plants, microorganisms and aquatic organisms, and based upon such expertise, can contribute to the tasks of producing food, energy and a cleaner environment, which is of great importance to both local and global societies. Therefore, our department provides the education and research needed for clearly understanding the potential functions of micro organisms, decomposition of environmental pollutants and biomass conversion in local communities to produce useful materials.

Department of Materials and Informatics

(1) Course of Advanced Materials and Energy
(2) Course of Production Technology
(3) Course of Computer Science and Bio-informatics

The Department of Materials and Information aims to train advanced technical specialists who can contribute to the development of new environmentally-friendly materials, technology concerning conversion and analysis of energy, energy-saving methods, highly computerized manufacturing technology, information processing technology and mathematical models. This will be accomplished by utilizing advanced algorithms and software in order to address the need for an environmentally-friendly recycling-oriented advanced information society. Therefore, this department provides the education and research concerning the creation of functional materials controlled by nano-order, the development of highly efficient converted symbiotic energy system, energy measurement and analysis. Furthermore, it provides the education and research corresponding to the development of measurement and control systems based on production engineering, designs with low environmental impact and production technologies, and the intellectual control of production information based on information network technologies etc.

Interdisciplinary Graduate School of Medicine and Veterinary Medicine (Doctoral Course)

Admissions Policy

We aim to foster physicians, veterinarians, researchers, and educators as highly professional human resources by cultivating knowledge that is fundamental to the advanced research ability required to conduct independent research in the fields of medical science and veterinary science.

1.Training course for physicians with professional skills

We aim to cultivate human resources with the following sorts of skills and abilities: diagnosis and treatment techniques necessary for medical services that require sophisticated expertise; expertise based on high sense of ethics; a wide range of fundamental knowledge of medical science, veterinary science, and other biological research needed to adapt to changes in the state of medical care; knowledge and experience required for clinical study such as animal experiments; research skills based on extensive knowledge of zoonosis.

2. Training course for veterinarians with professional skills

We aim to cultivate human resources with the advanced skills needed to conduct diagnosis, treatment, and research related to the healthcare of companion animals and farm animals; and with the ability to supervise veterinarians in the field of meat hygiene, livestock hygiene, and public health.

3. Training course for researchers of medical and veterinary science

We aim to foster human resources with a wide range of fundamental knowledge in medical science, veterinary science, and other fields of biology; cultivate the techniques they will need to conduct research-related animal experiments; nurture their ability to proceed autonomously with research while responding to changes in the state of affairs; and to develop individuals who are capable of playing an active global role in the fields of medicine and veterinary medicine and of conducting research related to both fields.

In consideration of Adults Pursuing Further Education

Special Exception on Education Based on Article 14 of the Standards for the Establishment of Graduate Schools

In the master's and doctoral programs of our Graduate School, daytime and evening programs are available by applying for the "Special Exception on Education" based on Article 14 of the Standards for the Establishment of Graduate Schools to allow those who are employed to study without leaving their positions. The program time and research time will be decided after consultation with supervisors.

Long-Term Study Student System

This program is designed for students to enroll in and complete the educational curriculum according to the plan over a certain period of time exceeding the standard program term (4 years for the doctoral program) in consideration of employment or other circumstances.
If desired, the application procedures as a long-term study student must be completed before tuition is paid. Please note that no application will be accepted after the payment of the tuition.

Facilities of the Faculty

Field Science Center

The center consists of four divisions, the Agricultural Science Division, the Livestock Science Division, and the Forest Science Division and the Marine Science Division.
Each division has its corresponding field station, the Kibana Agricultural Science Station (University Farms), Sumiyoshi Livestock Science Station (University Stock Farms), Tano Forest Science Station (University Forests), and Nobeoka Marine Science Station (Fisheries Research Laboratory). The aim of the center is to promote the education and research about the coordination of bio-production and the earth environment. The stations are used to implement education and research programs effectively by practice and experimental courses of the faculty.

Kibana Agricultural Science Station

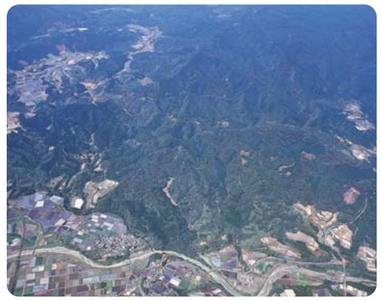
The station is adjacent to the campus, and total area is 31 ha, including paddy and upland fields. Paddy rice, sweet potato, potato, satsuma mandarin, hyuga-natsu citrus, tomato, cucumber, sweet corn, cabbage, chinese cabbage, broccoli, and so on are cultivated in paddy and upland fields, orchard or greenhouses, and they are sold at the market or university cooperation after harvesting. To offer farm training for students, this station has acquired GAP (Good Agricultural Practices) certifications, the JGAP Cereals 2012 and the JGAP Fruits and Vegetables 2010. It is the first GAP-certified university farm in Japan. The certifications will be updated every year. Therefore, students can learned firmly the fundamentals of farming under the fields certified GAP. The curriculum including many farm training are supported for educations or researches of students not only faculty of agriculture but also another faculty. Furthermore, the station is used as a place for agricultural experiences for the children of nursery schools, kindergartens, elementary and junior high schools, or as public open lecture for citizen.

Sumiyoshi Livestock Science Station

The station is located at the northeast part of the Miyazaki City, 25 km apart from the campus. The facility was founded in 1929 and now covers 50.4 ha, including 39.6 ha of cultivated fields and grassland and 5, 898㎡ of buildings. Approximately 30 dairy cows,150 beef cattle and 60 pigs are reared in this ranch each year. The station is used to establish and investigate management systems for grassland and animal production that make good use of local characteristics. It also provides practical experience for students of the Departments of Animal and Grassland Science, Veterinary Science and the Vocational Course of Animal Production.

Tano Forest Science Station

The station was established in 1937, and has been used for education and research of forestry and forest science. The areas of the station are 502 ha in Tano district and 118 ha in Ohno and Sakita district. Field training courses for students are carried out more than 30 days a year. Research subjects of the stations are as follows;
(1) biogeochemistry of forest ecosystem,
(2) silvicultural studies of old growth Hinoki plantation,
(3) long term ecological research of evergreen broad-leaved forest.



Nobeoka Marine Science Station

The station is located in the Nobeoka City. It is about 100 km apart from the Kibana campus. It serves as a facility for practical studies on the marine biology, the development and utilization of fisheries resources and also as a training center for the students. Boats, several sizes of tanks, other instruments in the laboratory and accommodations are available. Research subjects of the station at the present time include ecological studies in coasts and physiological studies on fish production and related projects.

Veterinary Teaching Hospital

The Veterinary Teaching Hospital was established in 1953 with the aim of promoting clinical practice, education and research of veterinary medicine. Since then, the hospital has contributed much to the realization of that purpose. In 1985, the hospital moved to the new campus, and was expanded and strengthened by the addition of modern facilities such as ultrasound and X-ray equipments for small and large animals, etc., in order to meet the demands of current research development.

Agricultural Museum

The Agricultural Museum is located in the Kibana campus. Various kinds of specimens are exhibited, for example, native wildlife and fish, skeletons of mammals, blocks of timber, bamboo, seeds of trees, fossils of animals and plants, farming machines of old and modern types, and sections of typical soil composition from Miyazaki area. The museum is available for the study and research of the faculty and students of the University, as well as is opened daily for the public, except Saturday and holidays.

International Activities

1	China Agricultural University	China
2	College of Fisheries of Sciences,Pukyong National University	Republic of Korea
3	Aquaculture Research Department, National Institute of Fisheries Science	Republic of Korea
4	Mongolian University of Life Sciences	Mongolia
5	Bogor Agricultural University	Indonesia
6	Central Luzon State University	Philippines
7	Faculties of Veterinary Science and Tropical Medicine, Mahidol University	Thailand
8	Faculty of Veterinary Medicine, Khon Kaen University	Thailand
9	Institute of Aquaculture,University of Stirling	United Kingdom
10	University of Teramo Faculty of Veterinary Medicine	Italy
11	Department of Health Protection and Health Policy, Calabria Region, Department of Agriculture,Forests and Forestation, Calabria Region, Department of Pharmacy and Nutrition and Health Sciences, University of Calabria	Italy
12	Department of Health, Animal Science and Food Safety, University of Milan	Italy
13	Faculty of Forestry and Wood Technology, Mendel University in Brno	Czech Republic
14	Faculty of Agriculture University of Buenos Aires	Argentina

Number of International Students (2017)

	Country&Region	south africa	tanzania	Nigeria	Republic of Korea	China	Taiwan	Thailand	India	Philippines	Indonesia	Myanmar	Zimbabwe	Vietnam	Malaysia	Afghanistan	Egypt	Mauritania	Bangladesh	Tonga	Total
Faculties	Agricultural and Environmental Sciences							3													3
	Forest and Environmental Sciences					1		3			1										5
	Biochemistry and Applied Biosciences							3													3
	Marine Biology and Environmental Sciences							4			1										5
	Animal and Grassland Sciences					1		2													3
	Veterinary Sciences																				0
	Total					2		15			2										19
Master`s Course	Course of Agricultural and Environmental Sciences					1															1
	Course of Forest and Environmental Sciences																				0
	Course of Biochemistry and Applied Biosciences					1															1
	Course of Marine Biology and Environmental Sciences																				0
	Course of Animal and Grassland Sciences													1							1
	International Course of Agriculture	1	1			3					5	1		2		8	1			1	23
	Medicine and Veterinary Medicine					1															1
	Total	1	1			6					5	1		3		8	1			1	27
Doctoral Course	Environment and Resourse Sciences			1		2		3		1	6			1		2			1	1	18
	Applied Biological Science													1							1
	Medicine and Veterinary Medicine					1		4	1		4	2		2	3	6					23
	Total			1		3		7	1	1	10	2		4	3	8			1	1	42
Other																					0
Grand Total		1	1	1	0	11	0	22	1	1	17	3	0	7	3	16	1	0	1	2	88

Campus Life-support for International Students

Scholarships

Scholarships for studying in Japan include the Japanese Government (Monbukagakusho:MEXT) Scholarship as well as scholarships for privately-financed international students.

・Japanese Government (Monbukagakusho:MEXT) Scholarship

Scholarships for foreign students or research residents are mainly provided by the Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho). Applicants should contact the Japanese Embassy in their countries. In addition, the Faculty may directly recommend candidates to MEXT. Applicants should consult staffs of the Faculty in the latter case. Applicants are required either to have a valid degree comparable to the Bachelor's degree, to have completed a sixteen-year course of school education, or to be recognized by the Graduate School as having an ability equivalent or superior to that of a university graduate. Applicants must be under 35 years of age. The scholarship provides an allowance of 143,000 yen（Non-Degree Student）, 144,000 yen（Master's Course）, 145,000 yen（Doctoral Course）, and round- trip air fare from the student's country. All of admission fee and tuition concerned study can be free for applicants who got the scholarship.

・Interchange Association, Japan (IAJ) Scholarship
・Monbukagakusho Honors Scholarship for Privately Financed International Students (JASSO Scholarship)
・JLPT(N1)
・The Korean Scholarship Foundation
・JGS-S(Saneyoshi)Foundation Scholarship
・Sato International Scholarship (October)
・Sato International Scholarship (April)
・Rotary Yoneyama Memorial Foundation Scholarship
・Heiwa Nakajima Foundation Scholarship
・Konan Asia Foundation Scholarship
・Kawashima Shoji Memorial Scholarship
・Sagawa Scholarship
・Kawaguchi Sizuka Memorial Scholarship
・Kubota Yutaka Foundation

Center for International Relations

The Center offers international students one-stop service, and can give advice and support on any difficulties being experienced such as learning Japanese, life in Japan and academic studies.
We also provide an opportunity for exchange between international and Japanese students.

Visitor Information
A Brief Introduction to the Miyazaki Area

Land of Fresh Air, Blue Sea, and Bright Sunshine

Miyazaki Prefecture is located in southern of Kyushu, at about the same latitude as Nanjing (China) and San Diego(USA). Miyazaki City is situated on the east coast and has a population of about 400,000. The warm currents of the Pacific Ocean give Miyazaki one of the warmest climates in Japan. Winters are mild, and it rarely snows. The average winter temperatures range from 5 to 10℃. Summers are sunny, hot and wet. Some days in summer the temperature exceeds 35℃.

The city enjoys a sparkling blue sea and bright sunshine. With its warm climate and numerous sports facilities, Miyazaki City is crowded with the spring training camps for professional baseball and soccer teams from the end of January through February each year.

If you would like to know more about Miyazaki, check out the following websites

○Miyazaki Prefecture
http://www.pref.miyazaki.lg.jp/language.html

○Miyazaki International Foundation
http://www.mif.or.jp/

○MIYAZAKI SHUN-NAVI
http://www.kanko-miyazaki.jp/



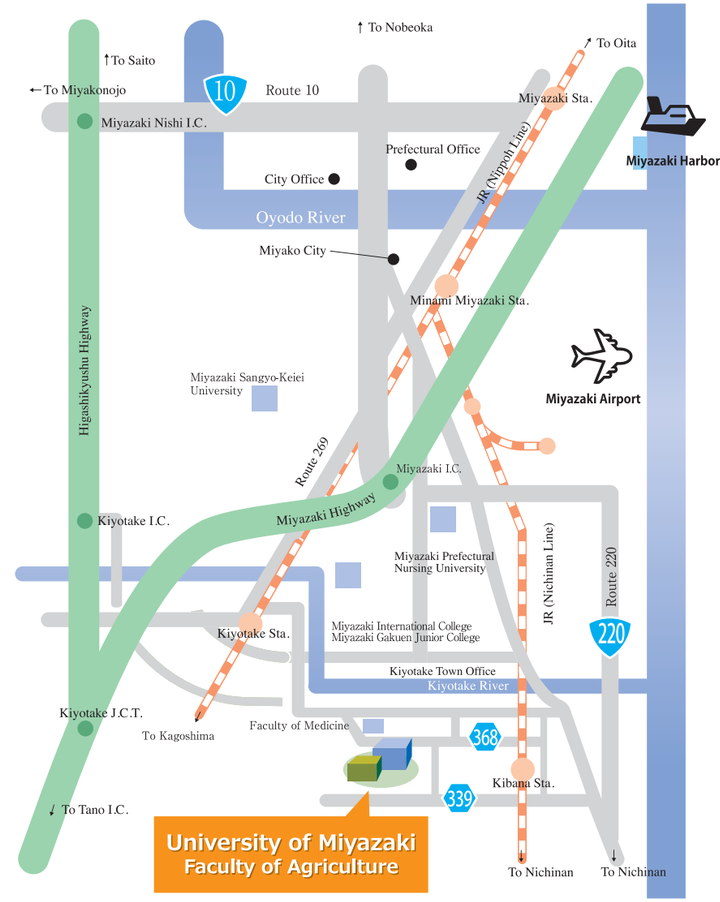





Getting to Miyazaki

People coming to Miyazaki will probably first fly in to Tokyo, Osaka, Nagoya or Fukuoka. Also, there is a direct flight from Incheon (ROK), Taipei, and HongKong to Miyazaki.
Miyazaki Airport is about 15 minutes by car from Kibana campus.

Tokyo	100 mins
Nagoya	80 mins
Osaka	70 mins
Fukuoka	40 mins
Incheon(ROK)	100 mins
Taoyuan(Taiwan)	130 mins
Chep Lak Kok(HongKong)	200 mins



ANNEX2

The Curriculum of Graduate School of Agriculture

Course	Subject	credits	selective
Major common subject	Common Seminar on Agricultural Sciences	2	Required
	Advanced Lecture on Agricultural Sciences	2	○
	Science communication Ⅰ	1	○
	Science communication Ⅱ	1	○
	Special Lecture	2	Required
	Master's Thesis Research	10	Required
International Course of Agriculture （All English）	◆Program for Sustainable Agriculture		
	Plant Production and Molecular Physiology	2	○
	Plant Production and Environmentally Safer Aagriculture	2	○
	Agricultural Mechanization and Ergonomics	2	○
	Transition and Current Issues of Agriculture and Forestry	2	○
	Biodiversity Conservation in Agricultural and Forest Land Use	2	○
	Advanced Soil and Water Engineering	2	○
	Interdisciplinary Leading-edge Technology for Functional Food Design	2	○
	◆Program of Animal and Plant Disease Control		
	Fishery Production and Marine Environment	2	○
	Production and Biosecurity in Aquaculture	2	○
	Integrated Livestock Production Management	1	○
	Practice of Integrated Livestock Production Management	1	○
	Integrated Forage Production Management	1	○
	Practice of Integrated Forage Production Management	1	○
	Countermeasure of Animal Infectious Diseases	2	○
	◆Program of Conservation and Use of Genetic Resources		
	Biological Genetic Resources	2	○
	Role of Genetic Resource to Society	2	○
	Bioinformatics	2	○
	Practice and Method of Model Genetic Resources 1	3	○
	Practice and Method of Model Genetic Resources 2	3	○

All the participants belongs to International course of Agriculture. Also, Special Lecture