

University of Miyazaki Graduate School of Agriculture

1. Graduate School Code	2
2. Area	Agriculture
3. Research Field	(1) Pomology (2) Plant Protection (3) Entomology (4) Horticulture (5) Agronomy (6) Agricultural Engineering-Agricultural Civil Engineering (7) Hydrology
4. Degree	Master's Degree in Agriculture, Fisheries, or Science
5. Standard Timetable (Years needed for graduation)	Starting as a Research Student for 1 year, then starting Master course for 2 years after passing the entrance exam. If the host faculty member approves, Learning Japanese for about 1 year at a designated organization with other JISR participant, then starting Master course for 2 years after passing the entrance exam.
6. Language of Program	(1) Lecture: All lectures in English (21/21) (2) Text: All English (3) Laboratory work: Conducting of the research is generally instructed by the supervisor in English. (4) Seminar: Seminars including Japanese students are generally in Japanese, but there are many occasions where foreign students can interact in seminars in English.
7. Desirable English Level and Necessary Academic Background	(1) Desirable English level TOEFL IBT:61, PBT:600, IELT:5.0 is required (2) Academic background 1. Those who have learned in the university more than 3 years, or have completed 15 years of school education in 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. (3) Others Certificate of graduation and academic record must be submitted with application form. These documents are necessary for the entering exam of the graduate school.
8. Website	(1) University of Miyazaki http://www.miyazaki-u.ac.jp/english/ (2) Faculty of Agriculture https://www.miyazaki-u.ac.jp/agr/english/ (3) Graduate School of Agriculture https://www.miyazaki-u.ac.jp/agr/english/introduction/grad.html (4) International course of Agriculture https://www.miyazaki-u.ac.jp/agr/english/introduction/pamph_en2017-2018.pdf

9. Additional Information	Availability	Note
Japanese Language		
(1) Necessity of Japanese language for study	Not necessary	
(2) Availability of Japanese language class	Available	
Facility Information		
(1) Dormitory available for JISR participants	Available	Single type: Available. Couple/Family type: Available. * As a general rule, the period of residence is one year. For more detailed information, see section 13 below.
(2) Prayers room or Mosque	Available	The Islamic center (Mosque) available.
(3) Halal food available in cafeteria	N/A	
Others		
(1) Tutor system	Available	

10. Features and Curriculum of Program

[International Course of Agriculture]

Exploiting the benefit of specializing in agriculture (single-subject specialization) and consider globally emphasized issues, particularly by ASEAN nations, this course provide three types of practice programs: cross-cutting, task-pursing, 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 **Aneex1** for more information about the course.

Curriculum: See **Annex2** for curriculum of the course.

#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 period: Research student will prepare the research plan with discussion of his/her supervisor from October to March. Also he/she develops skills and knowledge of his/her 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/she can receive the basic Japanese lesson according to his/her ability. He/she will enter graduate school as Master course from April and start his/her work for implementation of the plan.

11. Professors and Associate Professors

*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

Position	Name	Research Subject/ Contact
Professor	OHNO Kazuro (Mr.)	Pest management with conservation biological control for environmentally safer and sustainable agriculture. <Research key words> IPM, Biological Control, Ecology, Behavior of natural enemies Website (Japanese only) URL: http://www.cc.miyazaki-u.ac.jp/ohnok/
Professor	TETSUMURA Takuya (Mr.)	Cutting propagation and micropropagation of fruit trees. Evaluation of fruit trees on dwarfing rootstocks. Website (Japanese only) URL: http://www.cc.miyazaki-u.ac.jp/pomology/index.htm
Professor	TAKESHITA Minoru (Mr.)	Plant-virus interactions and insect vector transmission of plant virus <Research key words> Plant virus diseases, IPM, Biological Control, Molecular Plant Pathology Website (Japanese only) URL: http://www.cc.miyazaki-u.ac.jp/planpath/
Associate Professor	INABA, Yasuko (Ms.)	The molecular mechanism underlying thermogenesis in the reproductive organs of primitive seed plants.
Professor	TASUMI Masahiro (Mr.)	Large-scale irrigation and environmental planning/monitoring using satellite remote sensing technique Website (English) URL: http://www.cc.miyazaki-u.ac.jp/tasumi/ <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.
Associate Professor	SHINOHARA, Yoshinori (Dr.)	Hydrology and Erosion control <Special message> If you are eager to study hard with me, I will support you.
Senior Assistant Professor	MATSUO Mitsuhiro (Mr.)	Development of crop production and weed management for low input sustainable agriculture Website (Japanese only) URL: http://www.cc.miyazaki-u.ac.jp/mmatsu/kibana_fsl_index.html <Special message> I'm waiting for persons who have a basic knowledge of crop production and weeds.



12. Academic Schedule

[Research Student]

Entrance (as research student): October 1st 2021
Autumn Semester: 1 October 2021~31 March 2022
Spring Semester: 1 April 2022~30 September 2022

[Master Student]

Entrance Examination for Foreign student: August 2022
Announcement of Entrance Examination results: September 2022
Entrance (as Master student): October 1st 2022
Autumn Semester: 1 October 2022~31 March 2023
Spring Semester: 1 April 2023~30 September 2023
Graduation: September 2024

13. Facilities and Cultural Activities for International Students

(1) Student Dormitory

University International Housing

University International Housing is located on Kibana campus and has three types of rooms.

Room Types	Number of Rooms	Monthly Rent
For singles	40	4,700 yen
For couples	2	9,500 yen
For families	2	14,200 yen

You are required to pay the cost of utility (about ¥8,000 per month).

As a general rule, the period of residence is one year.

University Kiyotake Dormitory

Kiyotake Dormitory is located on Kiyotake campus and has only for singles rooms.

Room Type	Number of Rooms	Monthly Rent
For singles	50	25,800 yen

Including utility fee and Wi-Fi.

As a general rule, the period of residence is one year.

University Kibana Dormitory

Kibana Dormitory is located on Kiyotake campus and has only rooms for singles. It's a brand new dormitory built in 2015. It is a share house with a private bedroom. You'll be sharing Kitchen, shower, toilet, bath sink and washing machine between four students.

Room Type	Number of Rooms	Monthly Rent
For singles	31	24,000 yen

Including utility fee and Wi-Fi.

As a general rule, the period of residence is one year.



(2) Japanese Language Program

The university provides the following classes for studying the Japanese Language:

Elementary Japanese, Pre-Intermediate Japanese, Intermediate Japanese, Upper-Intermediate Japanese, Advanced Japanese, Japanese Culture

There are also Japanese conversation classes for international students' family members and local aliens.

(3) Others (Healthcare center, Counseling Support, Homestay Program, Cultural Tour etc.)

Health care and security center, library, cafeteria, bookstore, and information center are available on campus. The library has over 630,000 collection (including 170,000 English collection) and has a document reference system for those who aim to complete their research.

Also, Global Support Office (GSO) is in Center for International Relations, and GSO staff will support you in all the basics of your daily life in Miyazaki. There is a counselling room for international students, too.

<http://www.of.miyazaki-u.ac.jp/~kokusai/english/contents/study-abroad/index.html>

14. Information on Job Placement Assistance Service for International Students

University of Miyazaki provides career seminars in Japanese as well as individual consultation for those who are interested in remaining and working in Japan.

15. Message for JISR Applicants

Over 170 foreign students currently enrolled in the University of Miyazaki (UOM) and approximately 40 students are from Islamic country. As the number of Muslim students grow, UOM established Islamic center (Mosque) in 2014 for them. The center is visited by not only students but also their family and Muslims around the University. There is an annual event to introduce their culture held by the Muslim students in UOM.

The University provides support systems for foreign students such as tutor and free Japanese lessons. Generally, each foreign student has 1 tutor for the first 6 months to help very beginning of their campus life. Also, there are international dormitories on campus.

Faculty of Agriculture

The Faculty of Agriculture is committed to educating and producing future leaders in scientific fields to address the global issues we face. Our faculty collaborates with other overseas universities and research institutions, starting with activities in Asia. The research networks enable students to work in an international collaborative context to enhance intellectual discovery and to acquire international communication skills. By conveying our research findings across the world, we aim to make a real contribution to global society.

Overseas office

UoM has a Bangkok office at its partner institution Kasetsart University in Thailand that serves as a resource hub for information and services in the Association of Southeast Asia Nations (ASEAN) region as a whole. We have also established an office at Gadjah Mada University in Indonesia. These offices provide advice and guidance to students and researchers who are interested in academic exchange.

PEACE and ABE initiative

UoM collaborates with the Japan International Cooperation Agency (JICA) to undertake the Project for the Promotion and Enhancement of Afghan Capacity for Effective Development (PEACE), African Business Education Initiative for Youth (ABE Initiative), Development of Core Human Resources in Agriculture Sector in Myanmar, and Pacific Leaders' Educational Assistance for Development of State (Pacific LEADS). These projects meet the need of developing human resources in the agriculture science field in Afghanistan, Africa, Myanmar, and the Pacific Islands.



Overseas activity and training

UoM has connections with other universities around the world, which allow students to improve their scientific capabilities. Various training and activities are available depending on the level of students, such as academic exchange, research discussions with other scientists, and project implementation. UoM offers an intensive English-language program involving overseas training preparation led by native speakers. When students complete their activity or training, they are required to report on their work and take part in a seminar to develop their research.



Center for International Relations

Arsenic Mitigation Project in Asia by UoM

UoM was involved in the certification committee for patients of chronic arsenicosis in the mining area of Toroku in Takachiho Village, Miyazaki Prefecture, as well as medical examinations and patient support. UoM started the survey and research activities for arsenic pollution mitigation in Bangladesh in 1996 because symptoms of chronic arsenicosis were reported in parts of Asia, starting around 1995. Based on know-how gained from its research activities and cooperation with NGOs for more than 10 years in Bangladesh, UoM carried out a five-year arsenic mitigation project supported by JICA in the state of Uttar Pradesh, India, starting in 2008.

From 2015, UoM carried out the "Project for Promoting Environmental Health in Arsenic Contaminated Areas of Myanmar" in Thabaung Township, Ayeyarwady Region. The project's aim was to promote the implementation of an environmental health system by collecting and analyzing basic health data and taking countermeasures against unsanitary drinking water in the arsenic contaminated areas. A safe water supply system was introduced in two villages of the project area, and various awareness-raising activities for arsenic mitigation and environmental education were carried out. The overall goal for the project is to develop a system to supply safe drinking water and promote environmental health in places outside the project area.

Moving forward, UoM will continue to implement arsenic mitigation activities, in tandem with Asian countries facing the problem of arsenic pollution, drawing on the experience and the knowledge gained to up to now.



Faculty of Agriculture

農学部

<https://www.miyazaki-u.ac.jp/agr/eng/ieh/>



Policy of the Faculty 学部の方針

The mission of agriculture in the 21st century is to overcome global food problems and environmental crises through advancing the production, development, and utilization of biological resources for maintaining a coexistence with all life on Earth. Situated in the heart of the food production base in Japan, the Faculty of Agriculture has contributed to agricultural development and aims to find solutions to issues related to food, environment, and life, while creating a peaceful and affluent local community. Along with addressing such issues common to humankind, the faculty will make further academic contributions to the development of agriculture, not only in Japan but also worldwide, particularly in Asia, Africa, and Latin America, while also fostering individual creativity.

21世紀の農学の使命は、わたしたち人類の生存と他の生物との共存・共生を図りながら、有用な生物資源の生産・開発・利用を促進することで、地球規模での食料問題と環境危機を克服することです。日本の食料生産基地に位置し、今日までの農業発展に貢献してきた宮崎大学農学部は、「食料・環境・生命問題の解決」と「平和で潤いのある地域社会の構築」という人類共通の目標を掲げています。今後、日本だけでなく、アジア、アフリカ、中南米など世界の農業発展に向けての一層の学術貢献と、主体性と創造性に富んだ個性豊かな人材を輩出する責務が果たせると信じています。



Faculty Departments 学科

Agricultural and Environmental Sciences
植物生産環境科学科

Forest and Environmental Sciences
森林緑地環境科学科

Biochemistry and Applied Biosciences
応用生物科学科

Marine Biology and Environmental Sciences
海洋生物環境科学科

Animal and Grassland Sciences
畜産草場科学科

Veterinary Sciences
獣医学科



Graduate School of Agriculture 農学研究科

The five graduate schools were reorganized in the 2014 academic year in order to establish the new Graduate School of Agriculture (comprising six courses). The objectives of the Graduate School of Agriculture are to enhance the specialized nature of the faculty's education; resolve domestic and international issues related to food, the environment, resources, and life; and contribute to the creation of a sustainable and productive society that exists in harmony with the natural environment. It also aims to develop professional technicians and researchers from many different countries who possess sophisticated knowledge in the field of agriculture and the ability to put this expertise to practical use.

平成26年度に従来の5専攻を改組し、新たに農学専攻(1専攻6コース)を設置しました。農学専攻では、学部教育の専門性をさらに深化させ、国内外の食料、環境、資源及び生命に関する問題点を解決し、自然環境と調和のとれた持続的生産社会の創造に貢献できるとともに、農学に関する高度な専門知識と応用能力を有する国際色豊かな高度専門技術者及び研究者の育成を目指します。

Master's Course 修士課程

Graduate School of Agriculture 農学専攻

Course of Agricultural and Environmental Sciences
植物生産環境科学コース

Course of Forest and Environmental Sciences
森林緑地環境科学コース

Course of Biochemistry and Applied Biosciences
応用生物科学コース

Course of Marine Biology and Environmental Sciences
海洋生物環境科学コース

Course of Animal and Grassland Sciences
畜産草場科学コース

International Course of Agriculture*
農学国際コース*

*In principle, each course curriculum is conducted entirely in English.

Annex2 The Curriculum of Graduate School of Agriculture

Course	Subject	credits	selective
Major common subject	Common Seminar on Agricultural Sciences	2	Required
	Science communication I	1	○
	Science communication II	1	○
	Special Lecture	2	Required
	Master's Thesis Research	10	Required
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="color: red; margin: 0;">All the participants belongs to International course of Agriculture. Also, Special Lecture and Master Thesis Research are crucial.</p> </div> International Course of Agriculture (All English)	◆ Program of Sustainable Agriculture		
	Plant Production and Molecular Physiology	2	○
	Plant Production and Environmentally Safer Agriculture	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	○