

University of Miyazaki **Graduate School of Engineering**

Graduate School code: 54

Web site: <u>http://www.miyazaki-u.ac.jp/tech/english/index_en.html</u>

1. Graduate School code	54	
2. Maximum number of participants	2-3 participants p	er year
3. Fields of Study		isaster Prevention Science □Tourism □Politics □Sociology □Education ■Engineering
Sub Fields	Regional and urban planning, Transportation planning, Waste management, Environmental engineering, Coastal and hydraulic engineering, Water resources engineering, Irrigation engineering	
4. Program and	Program E	Environmental Systems Course
Degree	Degree N	Master of Engineering
5. Standard time table (Years needed for graduation)	2 years as a Master's Student	
6. Language of Program	 (1) Lecture: All lectures in English (2) Text: English (3) Laboratory work: Safety instructions are written in English. Conducting of the research is instructed by the supervisor in English. (4) Seminar: Seminars are generally in English. (5) Thesis guidance by academic supervisor is regularly conducted in English. 	
7. Desirable English level and	Linguistic Ability	TOEFL IBT: 68, PBT:520 is required for the regular master's program.
Necessary Academic background	EJU, IELTS, GRE or else	IELTS 5.5 is also desirable to apply for the regular master's program.
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	See information of 10. Contact: Professors and Associate Professors	
9. Website	http://www.miyazaki-u.ac.jp/tech/english/index_en.html	
10. Professors and	Name	Research Subject, Contact (e-mail), Special message for the Future

Associated		students
Professors	Dr. Keisuke MURAKAMI, Professor, (Mr.)	 (1) Coastal Environment Management (2) Tsunami, Storm Surge and High Waves (3) Sea Level Rise (4) Coastal Erosion and Deposition Control keisuke@cc.miyazaki-u.ac.jp
	Dr. Chikashi DEGUCHI, Professor, (Mr.)	(1)Project Management for Infrastructure and Transportation Planning (2)Public Private Partnership for Infrastructure and Regional Developments deguchi@cc.miyazaki-u.ac.jp
	Dr. Mitsuteru IRIE, Professor, (Mr.)	(1)Surface water resource management (2)Flood control and water resource development (3)Environmental management in estuary and wetland (4)Exploitation of sediment in reservoirs irie.mitsuteru.p2@cc.miyazaki-u.ac.jp
	Dr. Tomoo SEKITO (Mr.), Associated Professor, (Mr.)	(1)Utilization and environmental assessment of MSW treatment residues (2)Sustainable recycling of municipal solid waste in developing countries (3)Community-based household waste management and recycling behavior sekito@civil.miyazaki-u.ac.jp
	Dr. Yutaka DOTE, Professor, (Mr.)	(1)Phosphorus and potassium recovery from organic residues (2)Utilization of MSWI residues (3)Control of leachate quality (4)Management of landfill site dote@civil.miyazaki-u.ac.jp
	Dr. Hiroshi SHIMAMOTO, Associated Professor, (Mr.)	(1)Transportation network modeling (2)Transportation planning using statistical data (3)Reliability issues of transportation shimamoto@cc.miyazaki-u.ac.jp
	Dr. MORITA Chihiro: Professor, (Mr.)	(1)Structural analysis of steel bridges (2)Soundness evaluation of weathering steel bridges (3)3-D measurement of structures (4)Maintenance of bridges cgmorita@cc.miyazaki-u.ac.jp
	Dr. KUMANO Minoru Professor, (Mr.)	(1)Method development of Regional revitalization by "Michi no Eki" (2)Re-development and Planning Method in Central Business District (3)Method development and Evaluation of Land use planning in Local area kumano@cc.miyazaki-u.ac.jp
	Dr. TOSHIKI Kosuke Associated Professor, (Mr.)	(1)Environmental pollution caused by improper End-of-Life Vehicle Processing in developing countries (2)Method for integrated evaluation of Municipal solid waste management using Geographical Information System toshiki.k@cc.miyazaki-u.ac.jp
11 . Features of University	Miyazaki University Agricultural and Fo	e University of Miyazaki] was founded in 1949 based upon the merger of Miyazaki Advanced brestry School, Miyazaki Prefectural Normal School for Primary Miyazaki Prefectural Advanced Technical School. Miyazaki Medical

College was founded in 1974. Miyazaki University and Miyazaki Medical College then merged to form the University of Miyazaki in October 2003. In April 2004, the University of Miyazaki gained National University Corporation status. Currently the University of Miyazaki has five faculties: Education and Culture, Medicine, Engineering, Agriculture and Regional Innovation.

[Location]

Miyazaki Prefecture is located in southeastern of Kyushu, at about the same latitude as Nanjing (China), Jerusalem (Israel), and San Diego (USA). Miyazaki City is situated on the coast and has a population 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 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.

[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 Engineering]

The Graduate School of Engineering is an advanced education and research institution in the field of Engineering in Miyazaki. It aims to develop scientists and engineers with advanced expertise. The school has produced 113 Ph.D.s in engineering and 3,167 masters of engineering. Special lectures in English are available for international students. These alumni are expected to contribute to local community as well as to international community as scientists, engineers, or researchers, who will play an important role in the dependent of science and technology in the 21st century.

[Required Subjects(10 Credits)]

Advanced Research I (4 credits)

Advanced Research II (6 credits)

Students can select 10 subjects (20 credits) from the following subjects in their major research fields: Chemical Engineering,

Environmental Engineering, Civil Engineering

[Common Subjects]

[Selective Subjects]

Research Skills and Ethics (2 credits)

MOT and Venture Business (2 credits)

13. Features and Curriculum of Program

Advanced Applied Chemistry (2 credits)

Advanced Materials Chemistry (2 credits)

Advanced Chemical Technology (2 credits)

Advanced Organic Chemistry (2 credits)

Advanced Biotechnology (2 credits)

Advanced Applied Chemical Technology (2 credits)

Advanced Reaction Engineering (2 credits)

Advanced Regional and City Planning (2 credits)

Project Management for Infrastructure Development (2 credits)

	Advanced Transportation Planning (2 credits)	
	Pollutants Transfer (2 credits)	
	Advanced Material Recycle and Waste Management (2 credits)	
	Water Environmental Engineering (2 credits)	
	Coastal Planning for Disaster Prevention and Conservation (2 credits)	
	Earthquake Engineering and Prevention Planning (2 credits)	
	Advanced Geotechnical Engineering (2 credits)	
	Advanced Structural Analysis (2 credits)	
	Environmental and disaster management hydraulics (2 credits) Durability of Concrete (2 credits)	
14 . Academic Schedule	【Graduate School of Engineering】	
	Entrance examination for international student : April 2018	
	Announcement of entrance examination results: May 2018	
	Entrance : October 2018	
	Autumn semester :October 2018~March 2019	
	Spring semester: April 2019~September 2019	
	Graduation: September 2020	

15. Supporting service to International Students

International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural	 Health care at the University's Health Care and Security Center Doctors, counselors, and nurses provide regular medical examinations, counseling, and health consultations. Global Support Office (GSO), Center for International Relations GSO staff will support you in all the basics of your daily life in Miyazaki. 		
adjustment etc.	Charlent Demoiteres		
Provision of Student Dormitory	Student Dormitory We provide 4 international Houses (Dormitory). You can apply to live dormitory which you want to live. The details of these dormitories are as follows. 1. KIBANA International House 1; Location: KIBANA campus, Type: single, Rent: about 12,000 yen per month (includes utilities charge) 2. KIBANA International House 2; Location: KIBANA campus, Type: family, Rent: about 12,000 yen per month (includes utilities charge) 3. KIYOTAKE Dormitory; (reconstructed in 2014) Location: KIYOTAKE campus, Type: single, Rent: about 25,000 yen per month (includes utilities charge) *Full furniture (You don't have to buy electrical appliances) 4. KIBANA Dormitory Location: KIBANA campus, Type: single share type, Rent: about 25,000 yen per month (includes utilities charge) *Full furniture (You don't have to buy electrical appliances)		
Japanese Language Education Program	There is a Japanese daily conversation class for students who have never learned Japanese before. For students who have learned Japanese in the past, there are classes		

for International	where students are able to learn Japanese/Japan's domestic affairs. There are beginner,		
Students	middle, and advanced classes, and the student will be able to choose the class from		
	these three levels according to the student's learning level.		
	We handle a study tour annually, where we present Japan's (mostly of Kyushu area)		
College 1 Activities	history and culture, in order to enrich students' understanding of Japan's culture and		
Cultural Activities	Japanese consciousness. Other than this tour, we also handle a one-day tour and		
	participate in a local festival.		
	205 international students from 26 countries are currently enrolled at the UOM (as of		
	April 1, 2017). About 40% of them are from Islamic countries. The Islamic center was		
	established with the intent of strengthening the connection with Islamic students. It		
	was built by the University and inaugurated officially on June 6th, 2014. The Muslim		
Any special	students use it to perform their daily obligatory prays, the weekly congregational pray		
attention to	(Jumua Pray) on Friday and during the month of fasting (Ramadhan), they perform the		
Religious Practice	Trawih (night prays) in. It can provide some references and books in English, Japanese		
	and Arabic about Islamic culture and Islam. The Islamic center organizes cultural		
	_		
	events to create good environment for dialogue between students from different cultural		
	backgrounds.		
	• The University Library		
facilities (Library	With a collection of 620,000 volumes, the library provides the necessary publications to		
etc)	support your learning and research. The library's PC corner includes tables with power		
	and Ethernet connections, computers for students' use inside the library, and more.		
Please state other	The Faculty of Engineering has a center dedicated for international education		
particular	(International Education Center) that facilitates the student experience of international		
-	students by providing advice on academic and university life matters. The Center		
supporting service	offers a mentoring system in which the students can meet with a member of staff to		
you are	discuss about their progress. Also it provides a space for international and Japanese		
endeavoring, if any.	students to meet and support one another.		
16. Message to Prosp	ective International Students		
Message from			
University	Please refer to the Website for details.		
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Voice of	Our international students enjoy studying at University of Miyazaki. Please find their		
International	messages, including their experiences and opinions.		
Students	Please refer to the Website details.		