Mie University

Graduate School of Bioresources

Graduate School code：25

Web site: *http://www.bio.mie-u.ac.jp/en/index.html*

1. Graduate School code	25	
2. Maximum number of participants	3 (three) 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	Plant Molecular Genetics and Breeding, Crop Science, Horticultural Crop Physiology, Animal Production, Grassland and Animal Feed Production, Plant Medicine, Insect Ecology, Vegetable Genomics and Breeding, Forest Conservation Ecology, Forest Mycology, Soil Science and Plant Nutrition, Torrent and Hillside Conservation Technology, Forest Engineering, Wood science and technology, Lignocellulose control science and technology, Sustainable Resource Economics, Farm Management and Rural Sociology, Economic System of Bioresources, Global Plant Resource Science, Global Resource utilization Science, Atmosphere and Climate Dynamics, Ocean Climate Laboratory, Sustainable Earth System Laboratory, Vadose Zone Hydrology, Agricultural and Food Systems, Water Environment and Natural Disasters, Forest Planning for the Environment, Applied Environmental Studies, Nature and Coexistence, Environmental Information and Technology, Productive Environment System, Environmental Control in Biology, Energy Utilization Engineering, Applied Geomorphology, Soil Resources Engineering, Water Resource Engineering, Terrestrial Land and Water Engineering, Construction Materials and Environmental Works, International Environment Conservation, Soil Physics and Hydrology, Molecular and Cellular Biology, Molecular Bioinformatics, Biofunctional Chemistry, Bioorganic Chemistry, Bio-regulatory Chemistry, Bioinformation and Food Engineering, Food Chemistry, Applied Microbiology, Applied Microbial Genetics, Nutritional Chemistry, Fermentation Biology, Marine Biochemistry, Utilization of Aquatic Bioresources, Biophysical Science, Muscle Biology, Marine Microbiology, Quality in Marine Products, Marine Food Chemistry, Biological Oceanography, Fish Physiology, Fish Pathology, Phycology, Shallow Sea Aquaculture, Fish Stock Enhancement, Marine Ecology, Aqua Genetics, Molecular Ecology of Aquatic Animals, Fish Population Dynamics, Fisheries Ethology, Developmental and Metabolism Biology	
4. Program and Degree	Program	1. Special Programme for Integrated Food Production, Management Planning, Sustainable Rural Development and Conservation in Pacific Region
	Degree	Master of Science in Bioresources Science
5. Standard time table (Years needed for graduation)	Two years	

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<tr><td>6. Language of Program</td><td colspan="2">(1) Lecture: English only
(2) Textbook: English
(3) Laboratory work: Generally instructed by the supervisor in English.
(4) Seminar: Seminars with Japanese students are generally in English with support in Japanese.</td></tr>
<tr><td rowspan="2">7. Desirable English level and Necessary Academic background</td><td>Linguistic Ability</td><td>English Listening, Speaking, Reading, Writing</td></tr>
<tr><td>EJU, IELTS, GRE or else</td><td>TOEFL 550 over or equivalent score is desirable to apply for the regular master's program. Pacific-LEADS participant can take the test during his/her study period (6 months) as a research student.</td></tr>
<tr><td>8. Prior Inquiry From Applicants (Before Submission of Application Documents)</td><td colspan="2">Contact to Professor Takao Yoshimatsu (takaoyos@bio.mie-u.ac.jp)</td></tr>
<tr><td>9. Website</td><td colspan="2">http://www.bio.mie-u.ac.jp/en/index.html</td></tr>
<tr><td rowspan="5">10. Professors and Associated Professors</td><td>Name</td><td>Research Subject、Contact (e-mail)、Special message for the Future students</td></tr>
<tr><td>Takao Yoshimatsu</td><td>Professor, Chair of International Exchange Activities, Graduate School of Bioresources, Mie University
takaoyos@bio.mie-u.ac.jp</td></tr>
<tr><td></td><td>See attached PDF (Annex 1) file</td></tr>
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<tr><td>11. Features of University</td><td colspan="2">Mie University is one of the national university groups in Japan. The history of Mie University dates back to 1648, when a precursor school was established in Mie. In August 1874, the Prefectural Normal School was established at this site. A Prefectural Normal School merged in 1943 to become the Mie Prefectural Normal School. This institution was the predecessor of the Mie University Faculty of Liberal Arts.
The Mie Higher Agricultural and Forestry School, which was founded in 1921, became the Mie Higher Agricultural and Forestry College in 1944.
The Mie Prefectural Teacher Training School for Agricultural Continuation School Teachers established in 1925 became the Mie Normal School for Youth School Teachers in 1944. These institutions were the predecessors of the Mie University Faculty of Agriculture.
In 1949, Mie University was established as a university under post-war guidelines, with the Faculty of Liberal Arts and the Faculty of Agriculture.
Afterwards, the Faculty of Liberal Arts was renamed as Faculty of Education in 1966. In 1969, the Faculty of Engineering was added. Furthermore, the Faculty of Medicine and the Faculty of Fisheries were added in 1972. In 1983, for social sciences, Faculty of Humanities, Law and Economics was added, making Mie University a comprehensive institution. In 1987, the Faculty of Agriculture and the Faculty of Fisheries merged, and they continue to grow as the Faculty of Bioresources.
In 2009, the Graduate School of Regional Innovation studies was established in response to the need for community cooperation, and the institution became valued as a prominent regional asset, in that it is a</td></tr>
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	regional university that is open to the world. URL: http://www.mie-u.ac.jp/en/
12. Features of Graduate School	Graduate School/Faculty of Bioresources of Mie University is one of the largest faculties on agricultural and fisheries sciences in Japan. We have more than 120 qualified professors working on various areas for the sustainable development of bioresource sciences: the major in sustainable resource sciences, the major in environmental science and technology, and the major in life sciences. The Graduates School consists of about 70 laboratories and over 50 laboratories out of 70 are working for the development of agriculture and terrestrial bioresources. In all the courses foreign students can take educational services in English. Nevertheless some of class room lectures are supposed to be held in Japanese. To master basic speaking and reading Japanese proficiency, Mie University provides classes in the Center for International Education and Research. The PEACE project students select one Major Course from three courses (I. Major in Sustainable Resource Sciences, II. Major in Environmental Science and Technology, III. Major in Life Sciences) in the Graduate School of Bioresources, and take lectures of specific research field. At the same time, the students can get individual tutorials from his/her supervisor to carry out his/her own subject for making thesis. We have so-called double-degree joint master courses between The Graduates School of Bioresources and two Indonesian universities (Sriwijaya University and Padjadjaran University). In these courses all the educational and research services are provided in English. PEACE project students can take lectures for these courses as optional mandatory subjects.
13. Features and Curriculum of Program	After the admission of the graduate school the LEADS project students belong to one laboratory in Major Course and study about their research subjects on agriculture sciences under the supervision of each supervising Professors. Before the two years Master course study in the graduate school, the LEADS project students spend six months (usually from October to March) as research students to master minimum Japanese language and carry out preparative study in each field. We have so-called Students Tutorial System where candidate students can get individual tutorial services from Japanese students. Also during the six months research student period candidate students discuss about their future research subjects with faculty staff in charge and decide supervising Professor's name finally. The application for the master course admission will be done after this process appropriately. 1. Selection of Subjects 1.1. Subjects (Lectures of Seminars) The subject classes of each major and each course are shown in the following list. 1.2. Subjects Selection (1) From among opened subject classes, students must complete mandatory subject classes and optional mandatory subject classes established in the Major and course, and acquire 30 or more credits.

	Special Research: 10 credits (mandatory) Lectures and Seminars: 20 or more credits Total (including mandatory subject classes and optional mandatory classes): 30 or more credits (2) For subjects of other Majors or other graduate schools which the assigned supervisor considered necessary and instructed to take, not more than 10 acquired credits can be included for the 30 credits. (3)"Internship" subjects shall be optional and not be included in the requirements for completion. 2. Requirements for Completion and Academic Degree 2.1. Completion Requirements In order to complete the master's program, students must attend this Graduate School (Master's Program) for at least 2 years and take necessary instructions for research. Moreover, they have to get 30 or more credits and pass the Graduate School's assessment of Master's Thesis and final exam. 2.2. Academic Degree Academic degree to be granted is the Master of Science (MSc) in Bioresources Science.
14. Academic Schedule	**Autumn Semester: October 1 - March 31** 10/1 Onsets of Second Semester, New Academic Year for autumn newcomers, Entrance Ceremony for Autumn admission 10/31-11/3 Mie University Festival 12/23-1/4 Winter Break 1/20 Entrance Examination for MSc candidate students 3/25 Graduation Ceremony for spring admission 3/31 End of Academic Year and Autumn Semester **Spring Semester: April 1 - September 30** 4/1 Onsets of First Semester, New Academic Year for spring newcomers 4/1-9 Spring Break 4/8 Entrance Ceremony for spring admission 5/31 Anniversary of Mie University 8/6-9/30 Summer Break 8/19 Entrance Examination for MSc candidate students 9/30 End of First Semester and Graduation for autumn admission
15. Supporting service to International Students	
International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.	Mie University is promoting internationalization and enhancing international education and collaborative research activities to form global human resources rooted in the community. Furthermore, we expand cooperation with society and international exchanges with universities all over the world. In 2014, "International Exchange Headquarters" was established to enhance internationalization and international exchange activities of Mie University. ◇Center for International Education and Research (CIER)

	The Center for International Education and Research (CIER), was inaugurated on October 1, 2005, as a special facility for research and education. The aim of the CIER was to become the heart of internationalization at Mie University. Currently (as of July 1, 2015), our partnership has expanded to 103 universities/institutions in 36 countries/regions, conducting mutual exchange activities and international collaborative research. http://www.cie.mie-u.ac.jp/en/cier/
Provision of Student Dormitory	University Foreign Students' House (For Male, Female) Foreign Students' Dormitory (For Male, Female) http://www.cie.mie-u.ac.jp/en/cier/life/housing/housing.html
Japanese Language Education Program for International Students	Recommended attendance of Japanese class: Three times a week ※ No prior knowledge of Japanese is required, but participants are expected to study Japanese after coming to Japan in our international center. Also free Intensive Japanese lessons are available. http://www.cie.mie-u.ac.jp/en/cier/life/
Cultural Activities	We conduct multi-culture exchange programs such as multi-cultural exchange classes, Japanese education support for foreigners, homestay programs for international students, and others through sending faculty members and international students to educational institutions to support the internationalization and international exchange of Mie Prefecture, where the population ratio of foreign nationals is the 5th highest in Japan.
Any special attention to Religious Practice	We accept students believed in any religion.
facilities (Library etc)	http://www.mie-u.ac.jp/en/facilities/
Please state other particular supporting service you are endeavoring, if any.	See attached PDF (Annex 2) to know more about Graduate School of Bioresources.
16. Message to Prospective International Students	
Message from University	We have many International students from all over the world（around 60 International students as of 2012）and students can learn not only their fields of specific study but also variety of cultures, technologies, arts and languages as well. Mie University is in Tsu City of Mie Prefecture. Mie Prefecture is located approximately in central Japan. The climate is warm, as mountains and seas surround the area, and both agriculture and fishing are very active industries here. The area is full of sightseeing spots, including mountains where people can go hiking, autumn foliage viewing and skiing; oceans where people can go ocean bathing and clamming; the Suzuka Circuit, where the Formula One Japanese Grand Prix is held and the Ise Grand Shrine, the oldest shrine in Japan. The area is called UMASHIKUNI or 'the delicious country', as it is known for its abundance of seafood, such as oysters, Japanese spiny lobsters and blowfish, as well as the famous marbled Wagyu beef called Matsusaka beef, which is considered to be one of the

	most delicious and prestigious beef in Japan. In addition, Iga, where the ninjas originated, Kumano Kodo, a World Heritage site and the scenic Ise Shima are located in the area.
Voice of International Students	Message from your senior student from overseas (Laboratory of terrestrial soil and water) I have found the Bioresources Faculty a multicultural environment. The professors are very kind, helpful and willing to provide scientific support to the students; everyone will feel at home here. There are no time or resources limits for anyone wants to study. Over one year I have been here, I have enjoyed every moments of scientific life.