



MASTER OF SCIENCE IN MARINE BIOTECHNOLOGY

KPT/JPS [N/421/7/0057] 03/25 [MQA/PA 11892]

DURATION OF STUDY

Full-time - minimum 2 years

INTAKE

February/April/September

MEDIUM OF INSTRUCTION

English

ANNUAL FEE *(Full scholarships available)*

RM 22,000 for local student
RM 27,000 for International student

ABOUT THE PROGRAMME

Xiamen University (XMU) started marine studies 100 years ago and is recognised as the cradle of China's marine studies. Its Department of Oceanography, established in 1946, is the first of its kind in China, while its College of Ocean and Earth Sciences has developed into one of China's best marine research institutions with a state key discipline - marine science, and has a faculty that includes two academicians of the Chinese Academy of Sciences and a number of experts involved in "Thousand Talents Plan", China's Recruitment Programme of Global Experts.

The college boasts excellent research platforms such as the State Key Laboratory of Marine Environmental Science, State-Province Joint Engineering Laboratory of Marine Bioproducts and Technology, outstanding educational centres such as National Experimental Centre for Education, as well as an advanced general-purpose research vessel equipped with state-of-the-art scientific instruments, which serves the interdisciplinary oceanographic cruises conducted in international waters since 2016.

In addition to the strong support from XMU, the Marine Biotechnology programme at Xiamen University Malaysia (XMUM) will also benefit from the intensive research activities to be conducted at the China-ASEAN College of Marine Sciences, a teaching and research college based at XMUM and supported by the China-ASEAN Maritime Cooperation Fund.

The Master Programme of Marine Biotechnology at XMUM aims to help students to become professionals who are able to facilitate the marine development in ASEAN countries and contribute to the interactions related to marine studies among China, ASEAN countries and even the whole international community.

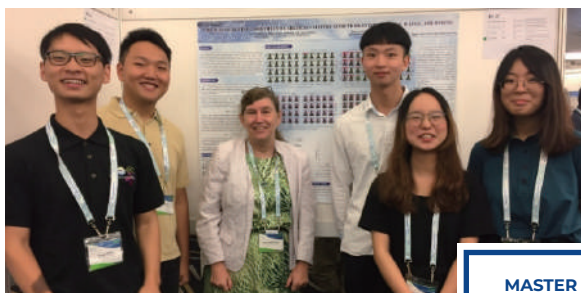
PROGRAMME HIGHLIGHTS

- Excellent educational resources from one of the most highly-respected and longest-established institutions in China for marine studies
- Fully equipped facilities serving both teaching and research purposes in marine science and biotechnology fields as funded by the Ministry of Foreign Affairs of China
- Have the opportunity to work with supervisor/co-supervisor from XMU
- Exposure to research activities involving world-class marine biotechnology scientists and professors from Malaysia, China and other international institutions collaborating with China-ASEAN College of Marine Sciences

CAREER OPPORTUNITIES

Graduates could pursue a career in the following industry:

- Researcher or educator in Universities/Educational industry
- Consultant or advisor in natural resources management agencies at the local, national, or international level
- Environmental consulting
- Work in companies involving Marine Biology Science, Aquaculture, Life Science, Bio-active products, Pharmaceutical Science, and Bio-pharming



MASTER OF SCIENCE IN MARINE BIOTECHNOLOGY



ENTRY REQUIREMENTS

- A Bachelor degree of Marine Biotechnology or Marine Science or Biotechnology or any other relevant fields with minimum CGPA of 2.75 or the equivalent, as accepted by the Senate; or
- A Bachelor degree of Marine Biotechnology or Marine Science or Biotechnology or any other relevant fields with CGPA between 2.50 and 2.75, can be accepted subject to internal assessment; or
- A Bachelor degree of Marine Biotechnology or Marine Science or Biotechnology or any other relevant fields with a minimum CGPA of 2.50, can be accepted subject to a minimum of 5 years' working experience in a relevant field.

* For other equivalent qualifications, please consult our programme counsellor.

LIST OF COURSES OFFERED

	*Chinese 1 *Selected Topics on China	*ADDITIONAL REQUIREMENT
YEAR 1	Research Topic in Marine Biotechnology	COMPULSORY
	Research Methodology	
	Laboratory Management	
	Professional Report Writing and Scientific Communication	
YEAR 2	Advanced Statistics for Research	SPECIALISATION ELECTIVE
	Theory and Technology of Genetic Breeding in Marine Organisms	
	Immunology and its Application in Marine Animals	
	Master Research and Seminar	COMPULSORY

*Students with credits in Chinese courses in previous result slips (UPSR/STPM/UEC/A-Level/Foundation/Matriculation/Diploma/SPM/O-Level/HSK, etc.) can be exempted from Chinese 1 and Selected Topics on China.

XIAMEN UNIVERSITY MALAYSIA DULN009(B)

TEL : +603 7610 2079

FAX : +603 7610 2068

E-MAIL : enquiry@xmu.edu.my

WEBSITE : www.xmu.edu.my

CAMPUS ADDRESS : Jalan Sunsuria, Bandar Sunsuria, 43900 Sepang, Selangor Darul Ehsan, Malaysia



The information in this brochure is correct at the time of publication. Xiamen University Malaysia (XMUM) reserves the right to change the information in line with updates from time to time. Please check the website (www.xmu.edu.my) for latest information.

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