

RESEARCH MODE



XIAMEN UNIVERSITY MALAYSIA
廈門大學馬來西亞分校

MASTER OF SCIENCE IN MARINE SCIENCE

[N/0532/7/0006] 07/33 [MQA/PA18924]

DOCTOR OF PHILOSOPHY IN MARINE SCIENCE

[N/0532/8/0002] 07/33 [MQA/PA18925]

PROGRAMME	DURATION OF STUDY	MEDIUM OF INSTRUCTION	ANNUAL FEE
Master of Science in Marine Science (MMS)	Full-time: Min 2 years, Max 5 years Part-time: Min 3 years, Max 5 years	English	RM 15,500 (Local) RM 18,500* (International)
Doctor of Philosophy in Marine Science (PMS)	Full-time: Min 3 years, Max 8 years Part-time: Min 4 years, Max 8 years	English	RM 18,500 (Local) RM 22,100* (International)

*Fees subject to 6% Sales & Service Tax (SST)

ABOUT THE PROGRAMME

Xiamen University (XMU) has been a pioneer in marine science education for nearly a century and is widely recognised as the cradle of marine science in China. Its College of Ocean and Earth Sciences (COE) is one of China's leading marine research institutions, home to the State Key Laboratory of Marine Environmental Science (MEL), the National Experimental Centre for Education, and the advanced Tan Kah Kee Research Vessel (R/V TTK). Building on this strong foundation, the China-ASEAN College of Marine Sciences (CAMS), the first overseas marine science college established with support from the China-ASEAN Maritime Cooperation Fund, offers internationally oriented postgraduate education at Xiamen University Malaysia (XMUM).

The Master of Science in Marine Science (MMS) and Doctor of Philosophy in Marine Science (PMS) programmes leverage the academic strengths and research expertise of both the Malaysia and China campuses, providing students with a distinctive international learning and research environment. Research areas include marine biology and ecology, physical oceanography, fisheries science, genetics, marine biotechnology, remote sensing and geographic information system (GIS) applications, environmental biogeochemistry, and environmental science.

Located in Malaysia and supported by XMU's world-class expertise in marine science, CAMS provides a strategic platform for research across tropical coastal waters, the Straits of Malacca, the South China Sea, and the wider China-ASEAN region. Students have opportunities to participate in laboratory investigations, marine field sampling, data analysis, scientific seminars, research collaborations, and scholarly publications, supported by well-equipped laboratories and state-of-the-art research facilities.

Graduates develop advanced scientific knowledge, critical thinking skills, and research expertise to address complex marine and environmental challenges. They are well prepared for careers in academia, research institutions, industry, government agencies, and policy-making organisations, while the doctoral programme further develops independent researchers who are capable of advancing global knowledge and innovation in marine science.

PROGRAMME HIGHLIGHTS



- Conduct research in marine biology and ecology, physical oceanography, fisheries science, marine biotechnology, genetics, remote sensing and GIS, environmental biogeochemistry, and environmental science.
- Gain hands-on experience through marine fieldwork, laboratory research, and advanced analytical techniques.
- Access state-of-the-art laboratories, research facilities, and international collaborations.
- Benefit from the combined academic strengths and research resources of Xiamen University's Malaysia and China campuses.

**SUSTAINABLE
DEVELOPMENT
GOALS**



CAREER OPPORTUNITIES

Further Study

- PhD programmes at Xiamen University Malaysia and other leading universities for MMS graduates.

Academia & Research

- Universities, research institutes, and laboratories.

Industry

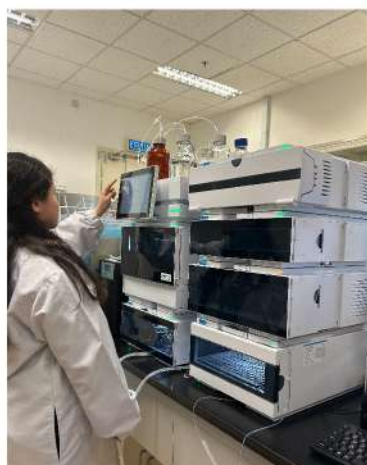
- Marine science, biotechnology, fisheries and aquaculture, environmental consultancy, research and development, GIS, and remote sensing.

Government & NGOs

- Marine conservation, resource management, environmental monitoring and policy, and international organisations.

Entrepreneurship

- Aquaculture, marine biotechnology, marine products, eco-tourism, and sustainability enterprises.



MAIN COURSES

Compulsory Course

- Research Methodology
- Dissertation (MMS) / Thesis (PMS)

Additional Requirement*

- Chinese 1
 - Selected Topics on China
- *No additional tuition fees imposed

Note:

- Students who obtained a Bachelor's or Master's degree in China can be exempted from Selected Topic on China.
- Students with a credit for Chinese course in previous result slips (UPSR/ SPM/ O-level/ UEC/ A-Level/ Foundation/ Matriculation/ Diploma/ HSK etc.) can be exempted from Chinese 1.

PROGRAMME

ENTRY REQUIREMENTS

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

Master of Science in Marine Science (MMS)

A Bachelor's Degree (Level 6, MQF) in the Marine Science or related fields or equivalent:

- CGPA ≥ 2.75 : Eligible for admission, subject to approval by the HEP Senate; OR
- CGPA 2.50 - 2.74: Admission may be considered subject to an internal assessment; OR
- CGPA 2.00 – 2.49: Admission may be considered with a minimum of 5 years relevant work experience and an internal assessment

Candidates without a qualification in the related fields or relevant working experience must undergo prerequisite courses* determined by the HEP.

Doctor of Philosophy in Marine Science (PMS)

Applicant must possess:

- A Master's Degree (Level 7, MQF) in Marine Science or Life Science or any other relevant field accepted by the Senate, or other equivalent qualifications recognised by the Government of Malaysia.
- Candidates without a qualification in the related fields or relevant working experience must undergo prerequisite courses* determined by the HEP.
- Bachelor's Degree candidates who are registered for Master's Degree programmes may apply to convert to the Doctoral Degree programmes subjected to the following conditions:
 - Within one year full-time and within two years for part-time candidates;
 - Having shown competency and capability in conducting research at doctoral level through rigorous internal evaluation and approval of the Senate

International applicants must achieve a minimum IELTS score of 5.0, OR MUET Band 3.5, OR an equivalent English language qualification. This requirement is waived for applicants:

- from countries where English is the official language; OR
- who have completed previous academic qualifications with English as the sole medium of instruction.

English Proficiency Requirement

XIAMEN UNIVERSITY MALAYSIA DULN009(B)

TEL : +603 7610 2079/ +603 8800 6825

E-MAIL : enquiry@xmu.edu.my/ pg.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.

August 2026