



XIAMEN UNIVERSITY MALAYSIA

廈門大學馬來西亞分校

MASTER OF SCIENCE IN MARINE SCIENCE

Programme Aims

The aim is to produce graduate with positive attitudes towards society, knowledgeable, skilled and competent to become professional in the area of marine science.

Programme Educational Objectives (PEO)

The PEOs are to produce graduates who:

PEO1	Marine science specialist equipped with advanced knowledge and practical skills in advanced numerical techniques and digital technologies, driving translation of research output to improve industries challenges.
PEO2	Marine science specialist who lead with autonomy, effectively communicate, and engage with internal and external stakeholders to drive improve practices in the field of marine science.
PEO3	Marine science specialist who uphold professionalism, demonstrate sound ethical conduct, and embrace social responsibility in addressing challenges and advancements in marine science and related fields.
PEO4	Marine science specialist who embody lifelong learning and an entrepreneurial mindset, driving their career growth and advancing their profession.



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Programme Learning Outcomes (PLO)

At the end of the programme, graduates will be able to:

PLO1	Elaborate advance and in-depth knowledge and understanding of concepts and the dynamic global perspectives across related disciplines in marine sciences.
PLO2	Integrate current information with up-to-date knowledge to provide solutions for marine sciences research and industry.
PLO3	Adapt research methodologies to generate reliable and valid data using marine sciences equipment.
PLO4	Display effective collaboration with diverse stakeholders.
PLO5	Display proficiency in written and oral communication with the professional community and society.
PLO6	Integrate appropriate digital tools to address research challenges in marine sciences.
PLO7	Integrate qualitative and quantitative analytical techniques to solve research problems in marine sciences
PLO8	Display autonomy, independence, leadership qualities, and management skills .
PLO9	Practice in lifelong learning for continuous personal and professional development.
PLO10	Display an entrepreneurial mindset to address challenges in marine sciences.
PLO11	Conduct independent research ethically and professionally .