XIAMEN UNIVERSITY MALAYSIA
厦門大學馬來西亞分校

MASTER OF SCIENCE IN PHYSICS

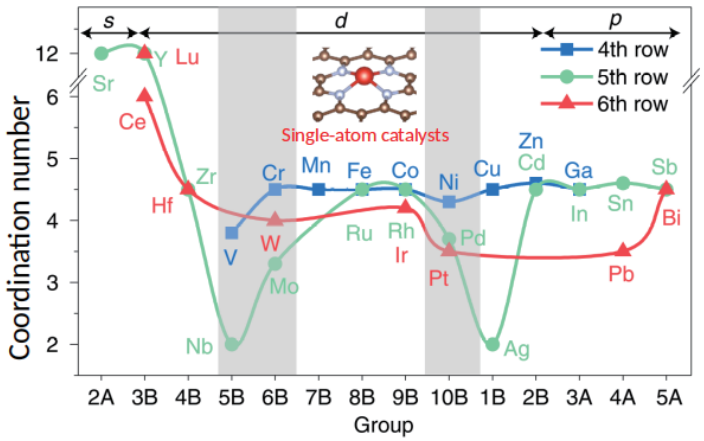
[N/0533/7/0001] 06/30 [MQA/PA16346]

DURATION OF STUDY	INTAKE	MEDIUM OF INSTRUCTION	ANNUAL FEE
Full-time: Min 2 years, Max 4 years Part-time: Min 3 years, Max 5 years	Every month	English	RM 15,000 (Local) RM 16,500* (International)

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

ABOUT THE PROGRAMME

Physics is a fundamental field of knowledge that intersects with other sciences and engineering. It is often the case that research and studies in physics often leads to new ideas and technologies in these other fields. Therefore, the aim of the department's graduate programme is to produce competent graduates with advanced knowledge and skills in physics beyond the undergraduate level. This expertise enables Malaysia to actively engage with the global physics community at large. By engaging in a research-oriented master's degree programme with academic staff from diverse fields, graduates will acquire the skills necessary for fundamental sciences research as well as various applied and engineering sciences. This programme also serves as a crucial step towards a doctoral degree.



Nature Materials (2022) https://doi.org/10.1038/s41563-022-01252-y

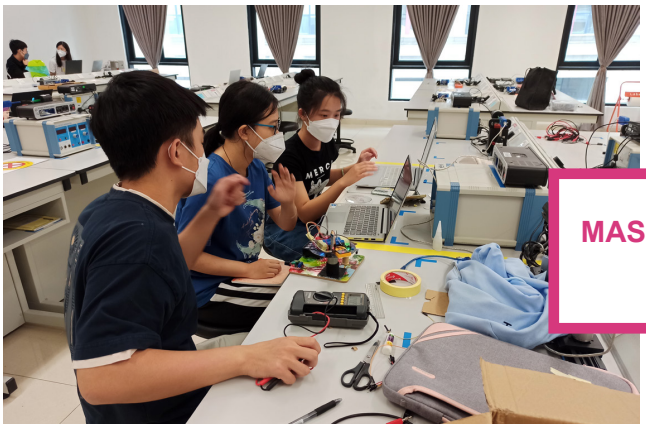
PROGRAMME HIGHLIGHTS

- Learn and collaborate with academic staff from diverse, internationally renowned backgrounds
- Engage in an intellectually stimulating environment where students and professors explore ground-breaking ideas in research
- Work in various research projects in the fields of quantum foundations/information, quantum dissipative dynamics, spintronics/ magnetic materials, lasers/optoelectronics, granular matter, ocean waves simulations, nanophotonic, neural physics, Bose-Einstein condensates, black holes, and general relativity
- Benefit from close collaborations with XMU and access to academic and research resources

CAREER OPPORTUNITIES

Graduates could pursue a career in the following industries:

- Academia
- Research
- Business and Management
- Applied Physics
- Data Science
- Industrial/Commercial Research and Development
- AI Engineering



MASTER OF SCIENCE IN PHYSICS

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

i. A Bachelor's degree in Physics with a minimum CGPA of 2.75 or equivalent, as accepted by the Senate; or

ii. A Bachelor's degree in Physics or related fields with a CGPA below 2.75 but above 2.50 may be accepted, subject to a rigorous internal assessment; or

iii. A Bachelor's degree in Physics or related fields with a CGPA lower than 2.50 but above 2.00, can be accepted subject to a minimum of 5 years working experience in the relevant field and rigorous internal assessment.

iv. Candidates who do not meet the criteria mentioned in (i) to (iii) must undergo appropriate prerequisite courses and meet the minimum CGPA based on (i) to (iii)

LIST OF COURSES OFFERED

Main Courses
- Research Methodology
- Graduate Seminar
- Research Dissertation

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.

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July 2025