

MASTER OF SCIENCE (RESEARCH)

FACULTY OF APPLIED SCIENCES
AND TECHNOLOGY

WE PRODUCE PROFESSIONALS

Provide professional development of the candidate, experience in problem definition, hypothesis formulation and testing, data acquisition, analysis and interpretation as well as project presentation.



MINIMUM ENTRY REQUIREMENTS



(a) A bachelor's degree in the field or related fields with a minimum CGPA of 2.75 or equivalent, as accepted by UTHM Senate; or



(b) A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment; or



(c) A bachelor's degree in the field or related fields or equivalent with minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of FIVE(5) years working experience in the relevant field and rigorous internal assessment.



(d) Candidates without a qualification in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by the programme (respective faculty) and meet the minimum CGPA based on (a) to (c).

MINIMUM ENGLISH REQUIREMENT



MUET BAND (3.5)

IELTS / IELTS online (5.0)

TOEFL iBT (40) /
Essentials (7.5)

PEARSON TEST OF ENGLISH (47)

CAMBRIDGE ENGLISH
QUALIFICATIONS AND TESTS (154)

ELS (107)



Applicants who graduated with academic qualification from Higher Learning Institutions in Malaysia recognized by the Senate are eligible to apply for exemption from the English Language Proficiency requirements.



Applicants who graduated with academic qualification from Higher Learning Institutions from foreign countries listed as the English Speaking Countries are eligible to apply for exemption from the English Language Proficiency requirements.

*English speaking countries: Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Canada, Dominica, Grenada, Guyana, Ireland, Jamaica, New Zealand, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and The Grenadine, Singapore, Tonga, United Kingdom, United States of America

RESEARCH AREAS



MATHEMATICS

Fuzzy Mathematics – Fluid Dynamics – Fluid Mechanics – Numerical Methods – Computational Mathematics – Mathematic Modelling – Biomechanics – Optimization – Engineering Mathematics – Applied Mathematics – Topology



STATISTICS

Statistical Modelling – Time Series Analysis – Biostatistics – Statistical Mathematics – Probability And Statistics – Fuzzy statistics – Stochastic Modelling – Medical Statistics – Quality Control, Nonparametric Method Robust Statistics – Design Experiment – Multivariate analysis – Statistical Machine Learning And Data Mining – Network Analysis – Big Data – Operational And Optimization



PHYSICS

Material Science – Surface Science – Nanotechnology – Health Physics – Energy – Biophysics – Computational Physics – Nuclear Physics – Environmental Physics – Optoelectronics – Instrumentation Physics – Semiconductor Physics – Radiation Technology



CHEMISTRY

Organic Chemistry – Inorganic Chemistry – Material Chemistry - Advanced Chemistry – Biopolymer – Polymer Technology - Surface Chemistry And Catalysis – Membrane Technology – Environmental / Green Technology



APPLIED SCIENCES AND TECHNOLOGY

Food Technology – Food Science – Functional Food & Nutraceutical – Nutrition – Food Safety & Quality – Food Innovation & Product Development – Food Processing – Food Engineering – Food Chemistry – Food Biochemistry – Food Biotechnology – Food Microbiology – Natural Product Chemistry – Traditional Knowledge – Ethnobotany



BIOLOGY

Botany – Zoology – Nature Tourism – Entomology – Herbal Sciences – Genetic (Animal & Plant) – Ecophysiology Of Plants – Conservation Of Natural Resources – Protected Area Management – Environmental Management – Animal Ecology – Conservation Biology – Marine Biology – Terrestrial Ecology – Ecological Dynamics



WE OFFER
UTHM Graduate Research Grant

Other fundings opportunity:

Malaysian International Scholarship
(for international only) -
Commonwealth Scholarship and
Fellowship Plan -

MARA (for local only) - Yayasan Negeri (for local only) - National Higher
Education; Fund Corporation, PTPTN (for local only) - Finance Institution,
Government Agencies

APPLY NOW

<https://wapps.uthm.edu.my/intake/>



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TUITION FEES

MASTER RESEARCH [FULL TIME]

LOCAL STUDENTS

RM12,406.00

INTERNATIONAL STUDENTS

RM22,006.00

MASTER RESEARCH [PART TIME]

LOCAL STUDENTS

RM12,672.00