

DOCTOR OF PHILOSOPHY

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

DOCTOR OF PHILOSOPHY

- A master's degree in the field or related fields accepted by UTHM Senate; or
- Other qualifications equivalent to a master's degree recognised by the Government of Malaysia.
- Candidates without a related qualification in the field/s or working experience in the relevant fields must undergo appropriate prerequisite courses determined by programme.

DOCTOR OF PHILOSOPHY [FAST TRACK]

- A bachelor's degree in the field or related fields with first-class (CGPA of 3.67 or higher) or its equivalent from an academic or Technical and Vocational Education and Training (TVET) programme.
- Undergo internal assessment (interview session); Applicants shall be called for an interview prior being offered a place in UTHM postgraduate programme. The interview panel members shall include TWO (2) representatives from the respective faculty, ONE (1) representative from UTHM Centre for Graduate Studies and ONE (1) UTHM Senate member.
- Applicants who are successful will be offered a place in UTHM's Doctor of Philosophy (Fast Track) programme.
- Applicants who are not successful will be offered a place in UTHM's Master Programme (by research).

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.

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

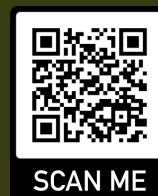


WE OFFER

UTHM Graduate Research Grant

APPLY NOW

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



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

CONTACT DETAILS



Phone: +606-9742126
Fax : +606-9742190 /
+606-9742191



fast.ps@uthm.edu.my



Faculty Of Applied Sciences
And Technology, UTHM Edu
Hub Pagoh, KM1, Jalan
Panchor, 84600, Johor,
Malaysia

<https://fast.uthm.edu.my>

TUITION FEES

DOCTOR OF PHILOSOPHY [FULL TIME]

LOCAL STUDENTS

RM21,024.00

INTERNATIONAL STUDENTS

RM36,454.00

DOCTOR OF PHILOSOPHY [PART TIME]

LOCAL STUDENTS

RM20,702.00