



'GENERATING KNOWLEDGE FOR THE COMMUNITY'S AFFLUENCE AND ENVIRONMENTAL SUSTAINABILITY'

SEPTEMBER INTAKE POSTGRADUATE PROGRAMME (PROGRAMME BY RESEARCH) NEC Field Code: 624

Research involves original and critical enquiry that makes a significant contribution to existing knowledge of relevance both nationally and internationally. Postgraduate research students are required to produce a thesis embodying the results of independent investigation under the guidance of an academic supervisor. The goal of research is the publication, public demonstration and practical application of research findings. The School of Fisheries and Aquaculture Sciences, UMT offers the following research degrees:



www.fisha.umt.edu.my



<https://www.facebook.com/fisha.umt>



Online Application: upu.moe.gov/web/

What is Research Study?

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| I. Doctor of Philosophy/Master of Science in Fisheries (Ichthyology and Fisheries Systems) | IX. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Conservation and Management) | XVI. Doctor of Philosophy/Master of Science in Aquaculture (Genetic and Breeding) |
| II. Doctor of Philosophy/Master of Science in Fisheries (Fish Population Dynamic) | X. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Ecology) | XVII. Doctor of Philosophy/Master of Science in Aquaculture (Aquaculture Biotechnology) |
| III. Doctor of Philosophy/Master of Science in Fisheries (Post Harvest Fisheries) | XI. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Biostatistics) | XVIII. Doctor of Philosophy/Master of Science in Aquaculture (Aquaculture Nutrition) |
| IV. Doctor of Philosophy/Master of Science in Fisheries (Fishing Technology) | XII. Doctor of Philosophy/Master of Science in Fisheries (Molecular Ecology and Fish Genetic) | XIX. Doctor of Philosophy/Master of Science in Aquaculture (Aquaculture Health) |
| V. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Biotechnology) | XIII. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Microbiology) | XX. Doctor of Philosophy/Master of Science in Aquaculture (Aquaculture System and Technology) |
| VI. Doctor of Philosophy/Master of Science in Fisheries (Inland Fisheries) | XIV. Doctor of Philosophy/Master of Science in Fisheries (Fish Physiology) | XXI. Doctor of Philosophy/Master of Science in Aquaculture (Hatchery Technology) |
| VII. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Oceanography) | XV. Doctor of Philosophy/Master of Science in Fisheries (Fisheries Economy) | XXII. Doctor of Philosophy/Master of Science in Aquaculture (Aquaculture Engineering) |
| VIII. Doctor of Philosophy/Master of Science in Fisheries (Fish Health) | | |

DOCTOR OF PHILOSOPHY (PhD) (by Research)

HOW TO APPLY

You should ensure that there are potential supervisors within the university with the appropriate interests and expertise to supervise your work.

i A PhD degree requires completion of a piece of research that demonstrates a significant and original contribution to knowledge in the field of study. Candidates acquire advanced specialist research training and produce a thesis that summarises the research and provides evidence for independent thought and critical analysis, effective communication and expert knowledge of the discipline in the international context.

ii For a PhD considerably more original work is required than for a Masters by Research. The nature and level of supervision evolves over the duration of the candidature. The work is closely supervised in the early stages. In the later stages, however, the candidate increases scope to exercise initiatives and is expected to make a significant and original contribution to the research. In the latter part of the program the candidate has acquired sufficient skills to allow independent work and this is reflected in guidance rather than direction by the supervisor.

Advice on your application

If you have identified a potential research supervisor at School of Fisheries and Aquacultur, it can be useful to contact them informally prior to making your application. They may be able to give more specific advice for your own discipline and some may be willing to comment on a draft research proposal. General contacts for enquiries can also be found at School of Fisheries and Aquacultur websites www.fisha.umt.edu.my.

Preparing your research proposal

Usually between 1000 and 2000 words, as part of the application process. Many issue specific guidance on what should be included and this should be followed carefully. Typically you might be expected to describe the context of the work (academic background and why the research is needed), define the aims and objectives of the work, and describe how you will approach the research (research methods to be used, rough plan of work).

Online application is available for most research degrees. You will need to register to use the system prior to making your application.

- Application can be made online via <http://gsea.umt.edu.my> throughout the year.
- All applications received will be processed and successful applicants will be notified without delay.
- Application will only be processed on receipt of full documentation containing:

1. A detailed research proposal for applications of programmes by research
2. recommendations by two (2) academic referees (sealed) for students with degrees other than that conferred by UMT
3. Other relevant documents e.g. Curriculum Vitae, Supporting Letter(s) and Professional Certificates (if any).

All enclosed academic records and other supporting documents must be certified true copies. The application should be sent to:

Academic Management Department
 Pusat Pengajian Siswazah Building
 Universiti Malaysia Terengganu
 21030 Kuala Terengganu, Terengganu
 Malaysia
 Phone: 09 -668 4532/ 4219
 Fax: 09 -668 4143

DURATION OF STUDY (by research)

Programme	Full Time		Full Time	
	Minimum	Maximum	Minimum	Maximum
PhD	4 Semesters	10 Semesters	6 Semesters	14 Semesters
Master	2 Semesters	6 Semesters	4 Semesters	10 Semesters
	1 st Semester	Subsequent Semester	Final Semester	
Malaysian	RM1,380.00	RM1,130.00	RM1,630.00/ RM2,130.00	
International	RM2,380.00	RM2,130.00	RM2,630.00/ RM3,130.00	

MASTERS OF SCIENCES (MSc.) (by Research)

A Masters by Research degree requires completion of an original piece of research, more limited in scope and nature to that required for a PhD. Candidates develop mastery of appropriate methodology, and they present their findings in the wider context of their discipline.

FOR FURTHER INQUIRIES

Associate Professor Dr. Abol Munafi Ambok Bolong
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 Programme by Research
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 21030 Kuala Terengganu, Terengganu, Malaysia
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SCHOLARSHIPS/ FINANCIAL ASSISTANCE

Scholarships are available to support current and new postgraduate research candidates at PPSPA.

- BTC (Basiswa Tuanku Canselor) – Available for PhD Programme (Malaysian only)
- BUMT (Basiswa UMT) – Available for PhD PhD Programme (Malaysian only)
- UMT Graduate Financial Scheme (SKS) (In its effort to promote research and post graduate education at the university, UMT also offers a Graduate Financial Scheme. Students receiving this scheme are paid an allowance of not more than RM1,000–RM1,200 per month.)
- Mybrain15 (The MyBrain15 programme is a scholarship for Malaysian full-time postgraduate students, offered by Ministry of

- Education of Malaysia (MOE) There are two (2) schemes offered under this programme;
- Mymaster
 - MyPhD
- (visit <http://biasiswa.moe.gov.my/MyBrain15>)
- PTPTN (National Higher Education Fund Corporation) (visit <http://www.ptptn.gov.my>)