

Macao Polytechnic University
Faculty of Applied Sciences
PhD of Computer Applied Technology
Module Outline

Academic Year 2022/2023 Semester 2

Learning Module	Thesis		Class Code	COMP8299	
Pre-requisite(s)	Nil				
Medium of Instruction	English			Credit	21
Lecture Hours	0 hrs	Lab/Practice Hours	0 hrs	Total Hours	0 hrs
Instructors	* See <u>Supervisor List</u>		E-mail	* See <u>Supervisor List</u>	
Office	MPU HQ, * See <u>Supervisor List</u>		Telephone	* See <u>Supervisor List</u>	

Description

The doctoral thesis aims to allow students, by tackling advanced research problems over diverse settings, to significantly contribute to the expansion of knowledge in the field of Computing, especially in applied technology and produce a coherent body of work that is of scholarly value and worthy of publication. The work must be original and be the student's own. There must be evidence that the field has been thoroughly surveyed by the student with critical exposition of relevant works, clearly demonstrating the mastery of a body of knowledge in the field and strong analytical skills. Students are responsible for ensuring that the thesis is presented in a clear, accessible and consistent format. Good project management practices and effective writing and oral presentation skills are essential to the successful completion of the thesis.

Learning Outcomes

After completing the learning module, students will be able to:

1. create new knowledge or originality in the application of knowledge in Computer Applied Technology in widely divergent fields of study;
2. research on an advanced and contemporary IT-related topic, including artificial intelligence, systems and networks, data analysis;
3. critically assess and analyse an advanced technical issue, upon which the mastery of a body of knowledge for a defined scholarly field is demonstrated;

4. write research proposal which captures the relevant issues and identifies research problems;
5. plan, execute, and report scholarly research project;
6. publish and present orally research papers.

Teaching Method

Each student is assigned a project supervisor and/or co-supervisor(s), who observe(s) and advice(s) him/her in the various activities of research, based on the PhD Handbook. Students are advised to read the handbook carefully for details of this course.

Attendance (Residence Requirement)

Please refer to the “Academic Regulations Governing Doctoral Degree Programmes” in MPU official homepage (https://www.mpu.edu.mo/student_corner_p/en/ar_doctoral.php).

Teaching Material

Textbook(s)

There is no required text for this module.

Supervisor List

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