

Macao Polytechnic Institute
School of Health Sciences and Sports
Bachelor of Science in Biomedical Technology
(Pharmacy Technology)

Module Outline

Academic Year 2020 / 2021 Semester 2

Learning Module	Thesis II (專題習作 II)		Class Code	BSTP4102-421
Pre-requisite(s)	Nil			
Medium of Instruction	English / Cantonese		Credit	4
Lecture Hours	0 hrs	Lab/Practice Hours	60 hrs	Total Hours 60 hrs
Instructor	Lao Cheng Kin, Chatmann Tong Hoi Yee, Henry Pedro Fong Kuok Chiu Fai, Kenny Yi Tao, Aaron		E-mail	cklao@ipm.edu.mo (Module coordinator)
Office	Room M708, Meng Tak Building, Main Campus		Telephone	8599-3473 (Chatmann)

Description

This module requires students to have an in-depth understanding of a specific topic of pharmacy practice or pharmaceutical science. Students will critically review relevant research reports and medical literature to get a thorough understanding of the core issues. Students will be required to implement a research proposal and perform data collection and analysis accordingly. Students will give a formal presentation of their research findings. Each student will need to submit a thesis at the end of the module.

Learning Outcomes

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

1. Develop skills in critical thinking;
2. Develop sensitivity to contemporary issues in pharmacy practice or pharmaceutical science;
3. Develop skills of using available evidence in reviewing current pharmacy practice or latest pharmaceutical science;
4. Develop skills of making action plans for improving pharmacy practice or developing pharmaceutical science;
5. Develop skills of writing proposals for research projects in an academic style and at the publishable level.

Content

Learning activities will be done in groups.

1. Optimization of research plan and preparation for research materials
2. Collection of research data
 - 2.1. Collect data according to the research protocol or proposal
 - 2.2. Analyze data according to the research protocol or proposal
3. Presentation of project findings
 - 3.1. Present and defend the project findings
 - 3.2. Write the final thesis

Assessment

This learning module is graded on a 100 point scale, with 100 being the highest possible score and 50 being the passing score.

	Item	Description	Percentage
1.	Group score	Presentation of project findings (graded by thesis evaluation committee, including an external examiner)	50%
2.	Individual score 1	Thesis (graded by group teacher)	40 %
3.	Individual score 2	Peer evaluation	10 %
		Total Percentage:	100%

Teaching Material(s)

As advised by group teachers.