



FACULTY OF HEALTH SCIENCES AND SPORTS
BACHELOR OF SCIENCE IN BIOMEDICAL TECHNOLOGY
(PHARMACY TECHNOLOGY)
LEARNING MODULE OUTLINE

Academic Year	2024 / 2025	Semester	1
Module Code	BSPP1101-111		
Learning Module	Introduction to Pharmacy Profession		
Pre-requisite(s)	N/A		
Medium of Instruction	Chinese / English		
Credits	1	Contact Hours	15
Instructor	Kuok Chiu Fai	Email	cfkuok@mpu.edu.mo
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MODULE DESCRIPTION

This learning module provides students with an overview of various pharmacy professionals and pharmacy settings including pharmacist, pharmacy technician, hospital pharmacy, community pharmacy, and pharmaceutical manufacturer. Basic knowledge of medications and ethical issues of pharmacy professionals are also discuss in this module.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

On completion of this learning module, students will be able to:

M1.	Explain the role, duty and ethics of pharmacy professionals.
M2.	Explain the basic pharmacy practice in pharmacy settings.

These ILOs aims to enable students to attain the following Programme Intended Learning Outcomes (PILOs):

PILOs	M1	M2	M3	M4	M5	M6
P1. To demonstrate understanding of a range of subjects, fields, principles and approaches relevant to pharmacy technology	✓	✓				
P2. To demonstrate understanding of theories, analytical approaches and practices that underpin pharmacy operations and management	✓	✓				
P3. To demonstrate understanding of major trends and issues related to pharmacy technology	✓	✓				
P4. To apply professional knowledge and skills to analyse, interpret and solve problems, challenges and risks in pharmacy practice						



P5. To critically appraise and interpret scientific and clinical literature and apply evidence-based practice						
P6. To acquire and apply research skills in pharmacy technology						
P7. To demonstrate effective communication and teamwork skills						
P8. To maintain professional and ethical standards in pharmacy practice and research	✓	✓				

MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Week	Content Coverage	Contact Hours
3	Introduction to pharmacy and pharmacy professionals	3
4	Site visits: Pharmaceutical industry and private hospital pharmacy	3
5	Site visits: Public hospital pharmacy and public health centre pharmacy	3
6	Site visits: Private hospital pharmacy and community pharmacy	3
7	Pharmacy practice and healthcare system, ethics and professionalism	3

TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities:

Teaching and Learning Activities	M1	M2	M3	M4	M5	M6
T1. Lectures	✓	✓				
T2. In-class discussion and quizzes	✓	✓				
T3. Site visits	✓	✓				
T4. Assignments	✓	✓				

ATTENDANCE

Attendance requirements are governed by the Academic Regulations Governing Bachelor's Degree Programmes of the Macao Polytechnic University. Students who do not meet the attendance requirements for the learning module shall be awarded an 'F' grade.



ASSESSMENT

In this learning module, students are required to complete the following assessment activities:

Assessment Activities	Weighting (%)	ILOs to be Assessed
A1. In-class discussion and participation	15	M1, M2
A2. Quizzes	10	M1, M2
A3. Assignments	75	M1, M2

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

There will be no resit examination for this module.

The assessment will be conducted following the University's Assessment Strategy (see www.mpu.edu.mo/teaching_learning/en/assessment_strategy.php). Passing this learning module indicates that students will have attained the ILOs of this learning module and thus acquired its credits.

MARKING SCHEME

Assessment Activities	Assessment Criteria	Mark Ranges				
		88-100	73-87	58-72	50-57	<50
A1.	Demonstrate the understanding of the covered topics in module and show active learning attitude	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels
A2.	Demonstrate the understanding of the covered topics in module	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels
A3.	Demonstrate the understanding of the covered topics in module	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels

REQUIRED READINGS

Lilian M Azzopardi (2010), *Lecture Notes in Pharmacy Practice*. London: Pharmaceutical Press.

REFERENCES

Malone P., Malone M.J., Park S.K., et al. (2021), *Drug information: a guide for pharmacists*. 7th edition. New York: McGraw-Hill Education/ Medical.



STUDENT FEEDBACK

At the end of every semester, students are invited to provide feedback on the learning module and the teaching arrangement through questionnaires. Your feedback is valuable for instructors to enhance the module and its delivery for future students. The instructor and programme coordinators will consider all feedback and respond with actions formally in the annual programme review.

ACADEMIC INTEGRITY

The Macao Polytechnic University requires students to have full commitment to academic integrity when engaging in research and academic activities. Violations of academic integrity, which include but are not limited to plagiarism, collusion, fabrication or falsification, repeated use of assignments and cheating in examinations, are considered as serious academic offenses and may lead to disciplinary actions. Students should read the relevant regulations and guidelines in the Student Handbook which is distributed upon the admission into the University, a copy of which can also be found at www.mpu.edu.mo/student_handbook/.