

**THE UNIVERSITY OF HONG KONG
LI KA SHING FACULTY OF MEDICINE**

**Master of Advanced Pharmacy
Credit Unit Statement**

(Applicable to students admitted in 2025-2026 and thereafter)

The one-year full-time or two-year part-time Master of Advanced Pharmacy (MAP) curriculum requires completion of a total of 69 credits. Students may choose one of the following streams: Clinical Practice, Community Health or Pharmaceutical Medicine. Candidates who complete 69 credits but do not wish to specialise in or do not satisfy the requirements of any of the three streams outlined in the syllabus shall be regarded as Generalists.

The courses in the programme are categorized into areas of clinical research, therapeutics, health system and management, pharmaceutical medicine, clinical practice and capstone experience.

Taking reference from the norm for a 3-credit course as to embrace 60 hours of student learning activity (including both contact hours and all other forms of student learning activity), courses vary from 3 to 15 credits (which embrace 60 to 300 learning hours). Assessment is based on a combination of continuous assessment, examination in written format and/or objective structured clinical pharmacy examination (OSCP). Continuous assessment comprises of class tests, in-class performance, and various types of assignments, such as written reports, oral presentation, and group projects. The assessment ratio is specified for each course in the table below.

The details of the 6 categories of Master of Advanced Pharmacy courses are as follows:

1. Clinical Research (3 credits)

MAPH7000 Evidence-Based Practice provides fundamental concepts of research methodologies and biostatistics to equip students with the skills required to critically appraise literature and conduct research. Teaching and learning strategies include lectures, workshops, tutorials and readings. Assessment will be a combination of continuous assessment (40-100%) and written examination (0- 60%). Output may include test performance, assignments, and presentations. Word requirement for written output is normally 500 to 1000 words, or any coursework equivalent to 6-8 hours of learning load.

2. Therapeutics (3 or 6 or 9 credits)

Therapeutics courses focus on the management of various disease states within the body systems in scope. The focus will be on the selection, use and monitoring of pharmacotherapy for these conditions. Students will also gain a holistic view into non-pharmacological management and their implications for medications. Teaching and learning strategies include lectures, seminars, and readings. Assessment will be a combination of continuous assessment (40-100%) and written examination (0-60%). Word requirement for a 3-credit course for written output is normally 500 to 1000 words or any coursework equivalent to 6-8 hours of learning load. Word requirement for a 6-credit course for written output is normally 500 to 1500 words or any coursework equivalent to 10-14 hours of learning load. Word requirement for a 9-credit course for written output is normally 500 to 1500 words or any coursework equivalent to 15-18 hours of learning load.

3. Clinical Practice (6 credits)

Clinical Practice courses equip students with clinical and transferable skills and experiences, including clinical assessment, communication, drug information, practice and service planning, leadership, medication safety, and more. Teaching and learning strategies including lectures, seminars, ward visits, and readings. Assessment is based on continuous assessment (60%) and Objective Structured Clinical Pharmacy Examination (40%). The learning hours for each 6-credit course are 120 hours. Word

requirement for written output is normally 500 to 1500 words or any coursework equivalent to 10-14 hours. Clinical Practice courses will span over two semesters to allow longitudinal and experiential learning and practice of skills that complement the knowledge gained from other courses throughout the year.

4. Health System and Management (3 credits)

Courses under Health System and Management provide perspective on pharmacy practice models in the primary health setting and broader understanding of healthcare system from a public health lens. Students also learn about the impact of health informatics and big data. Teaching and learning strategies include lectures, seminars, and readings. Assessment will be 100% continuous assessment, therefore word requirement for written output is normally 500 to 1500 words or any coursework equivalent to 16 hours of learning load.

5. Pharmaceutical Medicine (3 or 6 credits)

Pharmaceutical Medicine courses cover topics essential for practice in the pharmaceutical industry, ranging from development of medicines and the functions and operations of various departments. Teaching and learning strategies include lectures, seminars, and readings. Assessment is conducted through continuous assessment (40%-100%) and final examinations (0-60%). Word requirement for written output for a 3-credit course is normally 500 to 1000 words or any coursework equivalent to 6-8 hours of learning load. Word requirements for written output for a 6-credit course is normally 500 to 1500 words or any coursework equivalent to 10-14 hours of learning load.

6. Capstone Experience (15 credits)

Students may choose to complete a research / capstone / practicum project in their stream.

MAPH7510/7520/7530 are practicums that allow students to gain exposure to pharmaceutical medicine practice or the delivery of pharmaceutical care. These courses entail at least 300 learning hours. Students devote 120 hours to apply their knowledge and demonstrate competencies at the practice site. The student will also complete an 80-hour project which can take on various formats, and a poster presentation to disseminate the project results. Students will submit a reflective journal (normally 600-900 words) and a portfolio of artefacts. The student is expected to complete 100 hours of self-directed learning hours to achieve learning outcomes. Assessment is 100% continuous assessment at various stages during the practicum.

MAPH7540 Research Project entails at least 300 learning hours. Students will complete a research project from literature review, design, ethics board approval, data collection, and analysis. Students will submit a literature review, research proposal, manuscript (at least 3000 words) and a poster presentation to disseminate the results. Assessment is 100% continuous assessment of output at various stages of the research project. MAPH7540 Research Project will span over two semesters considering the time required to conduct a quality research project from conception to completion.

MAPH7550 Capstone Project entails at least 300 learning hours. A capstone project may take the form of research, narrative literature review, evidence synthesis such as scoping or systematic review, scientific report, drug use evaluation study, research grant proposal, quality improvement, service plan or other suitable formats as approved by the academic supervisor and/or the course coordinator. Academic output includes written report (at least 3,000 words) or other format approved by coordinator, and a poster (normally 400-600 words). Assessment is 100% continuous assessment of output at various stages of the project. MAPH7550 Capstone Project will span over two semesters considering the time required to conduct a quality project from conception to completion.

Category	Course	Credits	Learning Hours	Contact Hours	Output Requirements	Assessment
Clinical Research	MAPH7000 Evidence-Based Practice	3	60	20	Assignments, test and examinations Word requirement for written output is normally 500 to 1000 words or any coursework equivalent to 6-8 hours of learning load.	Continuous assessment 40-100% Written examination 0-60%
	MAPH7110 Geriatric & Ambulatory Care	6	120	30	Assignments, in-class performance, test and examinations	
MAPH7120 Oncology	6	120	30			
MAPH7130 Neurology, Psychiatry, Immunology & Rheumatology	6	120	30	For 3-credit course, word requirement is normally 500 to 1000 words or any coursework equivalent to 6-8 hours of learning load		
MAPH7140 Gastroenterology, Hepatology & Infectious Diseases	6	120	30			
MAPH7150 Nephrology, Fluids & Electrolytes, Paediatrics & Pregnancy	6	120	30	For 6-credit course, word requirement is normally 500 to 1500 words or any coursework equivalent to 10-14 hours of learning load		
MAPH7160 Cardiometabolic Disease, Respiratory & Critical Care	9	180	45			
MAPH7170 Therapeutics for Pharmaceutical Science I	9	180	45	For 9-credit course, word requirement is normally 500 to 1500 words or any coursework equivalent to 15-18 hours of learning load		
MAPH7180 Therapeutics for Pharmaceutical Science II	3	60	20			
Health System and Management	MAPH7210 Primary Care and Public Health	3	60	20	Assignments, in-class performance, and/or test Word requirement for written output is normally 500 to 1500 words or	
	MAPH7220 Health Informatics and Big Data	3	60	20		

					any coursework equivalent to 16 hours of learning load	
Pharmaceutical Medicine	MAPH7300 Product Commercialization and Marketing	6	120	30	Assignments, in-class performance, test and examinations	Continuous assessment 40-100% Written examination 0-60%
	MAPH7310 Principles of Drug Actions	6	120	26		
	MAPH7320 Introduction to Pharmaceutical Industry	3	60	20		
	MAPH7330 Regulatory Affairs - Hong Kong & Beyond	6	120	26	For 3-credit course, word requirement is normally 500 to 1000 words or any coursework equivalent to 6-8 hours of learning load	
	MAPH7340 Therapeutic Antibodies	3	60	20		
	MAPH7350 Clinical Trials Management and Pharmacovigilance	6	120	30		
	MAPH7360 Advanced Therapy Products	3	60	20	For 6-credit course, word requirement is normally 500 to 1500 words or any coursework equivalent to 10-14 hours of learning load	
	MAPH7370 Advanced Drug Delivery and Drug Development	6	120	26		
	MAPH7380 Essential Skills in Management of Pharmaceutical Medicine	3	60	20		
	MAPH7390 Medical Affairs – Fundamentals and Practice	6	120	30		
Clinical Practice	MAPH7410 Integrated Pharmacy Practice I	6	120	30	Assignment, in-class performance, and examinations Word requirement for written output is normally 500 to 1500 words or any coursework equivalent to 10-14 hours	Continuous assessment 60% OSCP 40%
	MAPH7420 Integrated Pharmacy Practice II	6	120	30		
Capstone Experience	MAPH7510 Clinical Practice Practicum	15	300	20	Learning portfolio – reflective journal (600-900 words) and portfolio of artefacts Practicum project in various formats, equivalent to 80 hours of learning load Poster presentation	Continuous Assessment 100%
	MAPH7520 Community Health Practicum	15	300	20		
	MAPH7530 Pharmaceutical Medicine Practicum	15	300	20		
	MAPH7540 Research Project	15	300	20	Literature review, research project proposal,	

					manuscript (at least 3000 words) and poster presentation	
	MAPH7550 Capstone Project	15	300	20	Written output (at least 3000 words) or other format approved by coordinator, and poster presentation	

Total Learning Hours: 1380 hours

Total Contact Hours: Approximately 295 to 320 hours, depending on specific courses chosen