



Mutah University
College of Graduate Studies
Master's Degree in Pharmaceutical Sciences
Comprehensive Track

Comprehensive Track: The total credit hours required for graduation are 33 credit hours, distributed as follows:

A: - Specialization Requirements Compulsory Credit Hours (24)	Course Code	Course Title	Credit Hours	Prerequisite
	1701709	Advanced drug delivery systems	3	
	1701711	Advanced Biopharmaceutics and Pharmacokinetics	2	
	1701713	Advanced physical pharmacy	3	
	1701714	Advanced pharmaceutical biotechnology	3	
	1702710	Advanced Clinical Pharmacology and Therapeutics	2	
	1702712	Advanced biostatistics	1	
	1703701	Advanced pharmaceutical organic chemistry	3	
	1703702	Advanced research methodology	3	
	1703703	Seminar	1	
	1703704	Advanced methods in drug analysis and diagnosis	3	

B: - Elective Major Requirements Credit Hours (9)	Course Code	Course Title	Credit Hours	Prerequisite
	1701717	Advanced pharmaceutical microbiology	3	
	1701718	Research project in pharmaceutical sciences	3	
	1701719	Advanced Pharmaceutical Technology	3	
	1701720	Advanced pharmaceutical quality assurance and control	3	
	1702721	Advanced phytotherapy	3	
	1702723	Advanced cancer biology	3	
	1703715	Advanced methods in drug discovery	3	
	1703716	Advanced Medicinal Chemistry	3	
	1703722	Advanced Natural Products Chemistry	3	

C: - College Compulsory	Course Code	Course Title	Credit Hours	Prerequisite
	Continuous Registration	0	
		Comprehensive Exam	0	