

PH240 CURRICULUM STRUCTURE (Study Plan: 8506)

YEAR 1

SEMESTER 1		
Course Code	Course Name	Credit Unit
-	Co-Curriculum	1
CTU552	Philosophy and Current Issues	2
PHC410	Pharmaceutical Biostatistics	2
PHC411	Human Anatomy & Physiology	3
PHC412	Pharmaceutical Microbiology and Parasitology	3
PHC413	Physical Pharmacy	3
PHC414	Fundamentals of Pharmaceutical Chemistry	3
PHC415	Pharmacy Practice	3
Total		20

SEMESTER 2		
Course Code	Course Name	Credit Unit
-	Co-Curriculum	1
PHC460	Pharmaceutical Immunology	2
PHC461	Principles of Pharmacology	2
PHC462	Pharmaceutical Biochemistry	3
PHC463	Fundamentals of Pharmaceutics	3
PHC464	Pharmaceutical Organic Chemistry	3
PHC465	Sterile Pharmaceuticals	2
	Elective course*	2
Total		18

*(see the selection of elective courses in the table at the end of the page)

YEAR 2

SEMESTER 3		
Course Code	Course Name	Credit Unit
-	Co-Curriculum	1
-	Third Language	2
LCC401	English for Mediating Text	2
CTU554	Values and Civilization II	2
PHC510	Drug Delivery Systems	2
PHC511	Basic Principles of Medicinal Chemistry	2
PHC512	Pharmacoepidemiology and Public Health Pharmacy	2
PHC513	Pharmacology of Drugs Affecting the Peripheral Nervous System	2
PHC514	Ethics and Legislative Pharmacy	2
PHC515	Principles of Pathology	3
Total		20

SEMESTER 4		
Course Code	Course Name	Credit Unit
-	Third Language	2
LCC402	English for Oral Reporting	2
PHC560	Nutraceuticals	2
PHC561	Pharmacology of Drugs Affecting the Respiratory and Gastrointestinal System	2
PHC562	Pharmacology of Drugs Affecting the Central Nervous System	2
PHC563	Pharmaceutical Analysis	3
PHC564	Pharmaceutical Bioengineering and Biotechnology	2
	Elective course*	2
Total		17

*(see the selection of elective courses in the table at the end of the page)

YEAR 3

SEMESTER 5		
Course Code	Course Name	Credit Unit
ENT530	Principles of Entrepreneurship	3
PHC610	Research Methodology	2
PHC611	Pharmaceutical Industry Practice	3
PHC612	Pharmacology of Drugs Affecting the Endocrine, Reproductive Systems and Musculoskeletal Systems	2
PHC613	Pharmacokinetics and Biopharmaceutics	3
PHC614	Pharmacognosy	2
PHC615	Pharmacology of Drugs Affecting the Cardiovascular System	2
	Elective course*	2
Total		19

SEMESTER 6		
Course Code	Course Name	Credit Unit
PHC630	Toxicology	2
PHC631	Medicinal Chemistry of Drugs	3
PHC632	Research Project	3
PHC633	Clinical Pharmacokinetics	2
PHC634	Pharmacology of Anti- Infective Agents	2
PHC635	Introduction to Clinical Pharmacy	2
PHC636	Pharmacology of Cancer Chemotherapeutics	2
Total		16

*(see the selection of elective courses in the table at the end of the page)

YEAR 4

SEMESTER 7		
Course Code	Course Name	Credit Unit
EET699	Exit English Test	-
PHC670	Community Pharmacy	3
PHC671	Applied Therapeutics in Infectious Diseases and Neoplastic Disorders	3
PHC672	Industrial Attachment	3
PHC673	Hospital Pharmacy	3
Total		12

SEMESTER 8		
Course Code	Course Name	Credit Unit
PHC690	Applied Therapeutics in Neurological, Immunological, Musculoskeletal and Psychiatric Disorders	3
PHC691	Applied Therapeutics in Gastrointestinal, Renal and Endocrine Disorders	3
PHC692	Applied Therapeutics in Cardiovascular and Pulmonary Disorders	3
PHC693	Entrepreneurship in Pharmacy	3
Total		12

ELECTIVE COURSES

Course Code	Course Name	Credit Unit
PHC660	Drugs in Sports	2
UPH654	Know Your Medicine	2
PHC661	Traditional & Complementary Medicine	2
PHC663	Cosmetic Science	2
PHC664	Structure-Based Drug Design	2
PHC665	Drug of Abuse	2
PHC666	Radiopharmacy	2
PHC667	Introduction to Veterinary Pharmacy	2

Bachelor of Pharmacy (Honours) Study Plan

** Applicable to students who were enrolled during the 2022 academic year and onwards*

COURSE CODE	COURSE NAME	CREDIT UNIT	SEMESTER	
-	Co-curriculum	1	1	
CTU552	Philosophy and Current Issues	2		
PHC410	1. Pharmaceutical Biostatistics	2		
PHC411	2. Human Anatomy & Physiology	3		
PHC412	3. Pharmaceutical Microbiology and Parasitology	3		
PHC413	4. Physical Pharmacy	3		
PHC414	5. Fundamentals of Pharmaceutical Chemistry	3		
PHC415	6. Pharmacy Practice	3		
Total credit unit		20		
-	Co-curriculum	1	2	
PHC460	7. Pharmaceutical Immunology	2		
PHC461	8. Principles of Pharmacology	2		
PHC462	9. Pharmaceutical Biochemistry	3		
PHC463	10. Fundamentals of Pharmaceutics	3		
PHC464	11. Pharmaceutical Organic Chemistry	3		
PHC465	12. Sterile Pharmaceuticals	2		
	13. Elective course ^a	2		
Total credit unit		16^b		
-	Co-curriculum	1		3
ELC501	English for Critical Academic Reading (Applicable to students who were enrolled during the 2022 academic year)	2		
LCC401	English for Mediating Text (Applicable to students who were enrolled during the 2023 academic year and onwards)			
-	Third Language	2		
CTU554	Values and Civilization II	2		
PHC510	14. Drug Delivery Systems	2		
PHC511	15. Basic Principles of Medicinal Chemistry	2		
PHC512	16. Pharmacoepidemiology and Public Health Pharmacy	2		
PHC513	17. Pharmacology of Drugs Affecting the Peripheral Nervous System	2		
PHC514	18. Ethics and Legislative Pharmacy	2		
PHC515	19. Principles of Pathology	3		
Total credit unit		20		
EWC661	English for Report Writing (Applicable to students who were enrolled during the 2022 academic year)	2	4	
LCC402	English for Oral Reporting (Applicable to students who were enrolled during the 2023 academic year and onwards)			
-	Third Language	2		
PHC560	20. Nutraceuticals	2		
PHC561	21. Pharmacology of Drugs Affecting the Respiratory and GI System	2		
PHC562	22. Pharmacology of Drugs Affecting the Central Nervous System	2		
PHC563	23. Pharmaceutical Analysis	3		

PHC564	24. Pharmaceutical Bioengineering and Biotechnology	2	
	25. Elective course ^a	2	
Total credit unit		15^b	
ENT530	Entrepreneurship	3	5
PHC610	26. Research Proposal	2	
PHC611	27. Pharmaceutical Industry Practice	3	
PHC612	28. Pharmacology of Drugs Affecting the Endocrine, Reproductive Systems and Musculoskeletal Systems	2	
PHC614	29. Pharmacognosy	3	
PHC615	30. Pharmacology of Drugs Affecting the Cardiovascular System	2	
PHC613	31. Pharmacokinetics and Biopharmaceutics	2	
	32. Elective course ^a	2	
Total credit unit		17^b	6
PHC630	33. Toxicology	2	
PHC631	34. Medicinal Chemistry of Drugs	3	
PHC632	35. Research Project	3	
PHC633	36. Clinical Pharmacokinetics	2	
PHC634	37. Pharmacology of Anti-infective Agents	2	
PHC635	38. Introduction to Clinical Pharmacy	2	
PHC636	39. Pharmacology of Cancer Chemotherapeutics	2	
Total credit unit		16	
EET699	Exit English Test		7
PHC673	40. Hospital Pharmacy	3	
PHC671	41. Applied Therapeutics in Infectious Diseases and Neoplastic Disorders	3	
PHC670	42. Community Pharmacy	3	
PHC672	43. Industrial Attachment	3	
Total credit unit		12	8
PHC690	44. Applied Therapeutics in Neurological, Immunological, Musculoskeletal and Psychiatric Disorders	3	
PHC691	45. Applied Therapeutics in Gastrointestinal, Renal and Endocrine Disorders	3	
PHC692	46. Applied Therapeutics in Cardiovascular and Pulmonary Disorders	3	
PHC693	47. Entrepreneurship in Pharmacy	3	
Total credit unit		12	
Overall credit unit		128^b	
Overall credit unit with elective courses		134	
^a Students may enroll in an elective course offered during the semester. Students are only required to enroll in three elective courses to complete their study. ^b Total credit unit without elective courses. To meet the graduation requirements, students must successfully complete a total of 134 credit units.			

List of elective courses

KOD KURSUS	NAMA KURSUS	UNIT KREDIT
PHC660	Drugs in Sports	2
UPH654	Know Your Medicine	2
PHC661	Traditional & Complementary Medicine	2
PHC663	Cosmetic Science	2
PHC664	Structure-Based Drug Design	2
PHC665	Drug of Abuse	2
PHC666	Radiopharmacy	2
PHC667	Introduction to Veterinary Pharmacy	2