

BSC (HONS) PHARMACEUTICAL HEALTHCARE SCIENCES

Programme Requirements

Non-Pharmacy Exit Pathway for students not completing Third Year Pharmacy

Code	Title	Credits
Year 1 - Pharmacy		
Students take 60 credits as follows:		
<i>Core Modules</i>		
AN1075	Principles of Human Structure for Pharmacy Students	5
BC1443	Biochemistry	10
PF1009	Introduction to Pharmaceutical Chemistry	10
PF1010	Physiochemical Basis of Pharmaceuticals	5
PF1011	Pharmacy Practice I	5
PF1012	Introduction to Pharmaceutics: Formulation Science	10
PL1400	Introduction to Physiology for Pharmacy I	5
PL1401	Introduction to Physiology for Pharmacy II	5
PT1445	Foundation Pharmacology	5
Year 2 - Pharmacy		
Students take 60 credits as follows:		
<i>Core Modules</i>		
BC2443	Molecular Biology	5
MB2555	Introduction to Pharmaceutical Microbiology	10
PF2010	Professional Pharmacy Core Skills	5
PF2011	Research Methods and Applied Data Analysis	5
PF2012	Pharmaceutical Analysis	5
PF2013	Pharmaceutical Chemistry	5
PF2014	Pharmacy Practice II	5
PF2016	Pharmaceutical Technology	5
PF2017	Sterile Pharmaceutical Preparations	5
PT2448	Cellular and Molecular Basis of Drug Action and Toxicity	10
<i>Optional Module ¹</i>		
PF2018	Experiential Placement in a Pharmacy Setting ²	
Year 3 - Pharmaceutical Healthcare Sciences		
Students take 60 credits as follows:		
PF3009	Gastrointestinal, Hepatic and Endocrine Systems	10
PF3010	Cardiovascular and Renal Systems	10
PF3012	Respiratory, Musculoskeletal and Dermatology Systems	10
PF3013	Clinical Immunology and Infection	5
PF3014	Regulatory Science	5
PF3015	Pharmacokinetics: From Basic Principles to Clinical Applications	10
PF3016	Pharmacognosy and Phytopharmaceuticals	5
PF3017	Pharmaceutical Sciences Literature Review II	5

Year 4 - Pharmaceutical Healthcare Sciences

Students take **60** credits as follows – all listed core modules (**40** credits) and **20** credits of elective modules:

<i>Core Modules</i>		
PF4013	Clinical Pharmacy Practice	5
PF4014	Central Nervous System	10
PF4015	Novel Drug Delivery	5
PF4017	Pharmaceutical Healthcare Science Project	20
<i>Elective Modules</i>		
Students take modules to the value of 20 credits from the following, as prescribed by the School:		
BC4017	Principles and Applications of Biotechnology (5)	
PF4018	Organisation and Management Skills in a Workplace Setting (10)	
PF4019	Professional Skills Development in a Workplace Setting (10)	
PT4005	Neuropharmacology (5)	

Non-Pharmacy Exit Pathway for students not completing Fourth Year Pharmacy

Code	Title	Credits
Year 1 - Pharmacy		
Students take 60 credits as follows:		
<i>Core Modules</i>		
AN1075	Principles of Human Structure for Pharmacy Students	5
BC1443	Biochemistry	10
PF1009	Introduction to Pharmaceutical Chemistry	10
PF1010	Physiochemical Basis of Pharmaceuticals	5
PF1011	Pharmacy Practice I	5
PF1012	Introduction to Pharmaceutics: Formulation Science	10
PL1400	Introduction to Physiology for Pharmacy I	5
PL1401	Introduction to Physiology for Pharmacy II	5
PT1445	Foundation Pharmacology	5
Year 2 - Pharmacy		
Students take 60 credits as follows:		
<i>Core Modules</i>		
BC2443	Molecular Biology	5
MB2555	Introduction to Pharmaceutical Microbiology	10
PF2010	Professional Pharmacy Core Skills	5
PF2011	Research Methods and Applied Data Analysis	5
PF2012	Pharmaceutical Analysis	5
PF2013	Pharmaceutical Chemistry	5
PF2014	Pharmacy Practice II	5
PF2016	Pharmaceutical Technology	5
PF2017	Sterile Pharmaceutical Preparations	5
PT2448	Cellular and Molecular Basis of Drug Action and Toxicity	10
<i>Optional Module ¹</i>		
PF2018	Experiential Placement in a Pharmacy Setting ²	
Year 3 - Pharmacy		
Students take 60 credits as follows:		

<i>Core Modules</i>		
PF3009	Gastrointestinal, Hepatic and Endocrine Systems	10
PF3010	Cardiovascular and Renal Systems	10
PF3011	Professional Practice III	5
PF3012	Respiratory, Musculoskeletal and Dermatology Systems	10
PF3013	Clinical Immunology and Infection	5
PF3014	Regulatory Science	5
PF3015	Pharmacokinetics: From Basic Principles to Clinical Applications	10
PF3016	Pharmacognosy and Phytopharmaceuticals	5

Optional Module ¹

PF2018	Experiential Placement in a Pharmacy Setting	²
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Year 4 - Pharmaceutical Healthcare Sciences

Students take **60** credits as follows – all listed core modules (**40** credits) and **20** credits of elective modules:

<i>Core Modules</i>		
PF4013	Clinical Pharmacy Practice	5
PF4014	Central Nervous System	10
PF4015	Novel Drug Delivery	5
PF4017	Pharmaceutical Healthcare Science Project	20

Elective Modules

Students take modules to the value of **20** credits from the following, as prescribed by the School: 20

BC4017	Principles and Applications of Biotechnology (5)
PF4018	Organisation and Management Skills in a Workplace Setting (10)
PF4019	Professional Skills Development in a Workplace Setting (10)
PT4005	Neuropharmacology (5)

Total Credits **240**

¹ Students electing to take this optional module must secure a work placement relevant to the discipline, to be undertaken outside of term-time (minimum two weeks (70 hours)) subject to the approval of the School of Pharmacy.

² Not included for progression to subsequent year and is not counted toward the final degree award. The result obtained will be recorded on the student's transcript.

³ Modules will be completed while on placement.

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.