

Course progression map for 2025 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the [Handbook](#).

P3002 Bachelor of Pharmaceutical Science Advanced (Honours) (including Scholars)

The placement of units may be rearranged to provide flexibility in choice of elective units and to support sequencing for double degree courses but care should be taken to ensure sequenced units are maintained in sequence.

Year 1 Semester 1	BPS1011 Human physiology 1: Cells to systems	BPS1021 Medicinal chemistry 1: Structure	BPS1031 Physical chemistry 1: Equilibria and change	BPS1041 Scientific inquiry
Year 1 Semester 2	BPS1012 Human physiology 2: Body systems	BPS1022 Medicinal chemistry 2: Reactivity and biomolecules	BPS1032 Physical chemistry 2: Solutions, surfaces and solids	BPS1042 Pharmaceutical science in context
Year 2 Semester 1	BPS2011 Pharmacology 1: Biochemical signalling	BPS2021 Synthetic chemistry 1: Structure and reactivity	BPS2031 Analytical methods 1: Principles and applications	BPS2041 Drug delivery and pharmacokinetics
Year 2 Semester 2	BPS2012 Pharmacology 2: Drug action	BPS2022 Drug discovery and design	BPS2032 Analytical methods 2: Investigation design	BPS2042 Drug development
Year 3 Full year	BPS3072 Advanced professional experience (12 credit points)			
Year 3 Semester 1	Elective units: Choose three units from the following six: <ul style="list-style-type: none"> • BPS3011 Disease-focused pharmacology • BPS3022 Microbiology and immunology • BPS3031 Computational drug design • BPS3041 Synthetic chemistry 2: Advanced methods • BPS3061 Industrial formulation • BPS3071 Nanotechnology and polymer science in drug delivery 			
Year 3 Semester 2	BPS3012 Applied pharmaceutical science: From concept to market	Elective units: Choose two units from the following four: <ul style="list-style-type: none"> • BPS3021 Biotechnology • BPS3032 Toxicology and advanced pharmacology • BPS3042 Advanced experimental spectroscopy • BPS3082 Applied pharmacokinetics, dynamics and product development 		
Year 4* Full year	BPS4001 Advanced pharmaceutical science (Coursework) (12 points) BPS4002 Research in pharmaceutical science (36 points)			

A	Enabling sciences	B	Pharmaceutical science	C, D	Applied Project and Honours research program
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*Progression into fourth year requires completion of years 1-3 (144 credit points) with a minimum distinction average (WAM 70). Students who do not meet this standard at the end of third year will exit the course with the Bachelor of Pharmaceutical Science.