

Course progression map for 2022 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)

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 I: Cells to systems	BPS1021 Medicinal chemistry I: Structure	BPS1031 Physical chemistry I: Equilibria & change	BPS1041 Scientific inquiry
Year 1 Semester 2	BPS1012 Human physiology II: Body systems	BPS1022 Medicinal chemistry II: Reactivity and biomolecules	BPS1032 Physical chemistry II: Solutions, surfaces and solids	BPS1042 Pharmaceutical science in context
Year 2 Semester 1	BPS2011 Pharmacology I: Biochemical signalling <i>BPS1011</i>	BPS2021 Synthetic chemistry I: Structure and reactivity <i>BPS1021</i>	BPS2031 Analytical methods I: Principles and applications <i>BPS1031</i>	BPS2041 Drug delivery and pharmacokinetics <i>BPS1011</i>
Year 2 Semester 2	BPS2012 Pharmacology II: Drug action <i>BPS1012</i>	BPS2022 Drug discovery and design <i>BPS1022</i>	BPS2032 Analytical methods II: Investigation design <i>BPS1032</i>	BPS2042 Drug development <i>BPS1032</i>
Year 3 Semester 1	Elective units _ Choose four units from the following six: <ul style="list-style-type: none"> • BPS3011 Disease-focused pharmacology <i>BPS2011</i> • BPS3021 Biotechnology <i>BPS2011</i> • BPS3031 Computational drug design <i>BPS2022</i> • BPS3041 Synthetic chemistry II: Advanced methods <i>BPS2021</i> • BPS3051 Pharmaceutical product development <i>BPS2042</i> • BPS3061 Industrial formulation – <i>co-req BPS3051</i> 			
Year 3 Semester 2	BPS3012 Applied pharmaceutical science: from concept to market	Elective units _ Choose one unit from the following four: <ul style="list-style-type: none"> • BPS3022 Microbiology and immunology <i>BPS2012</i> • BPS3032 Toxicology and advanced pharmacology <i>BPS2012</i> • BPS3042 Advanced experimental spectroscopy <i>BPS2021</i> • BPS3052 Applied pharmacokinetics/dynamics and nanotechnology <i>BPS2041</i> 	BPS3072 Advanced professional experience (12 credit points)	
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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