

# Course progression map for 2023 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](#).

## P2001 Bachelor of Pharmaceutical Science

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	<b>BPS1011</b> Human physiology I: Cells to systems	<b>BPS1021</b> Medicinal chemistry I: Structure	<b>BPS1031</b> Physical chemistry I: Equilibria & change	<b>BPS1041</b> Scientific inquiry
Year 1 Semester 2	<b>BPS1012</b> Human physiology II: Body systems	<b>BPS1022</b> Medicinal chemistry II: Reactivity and biomolecules	<b>BPS1032</b> Physical chemistry II: Solutions, surfaces and solids	<b>BPS1042</b> Pharmaceutical science in context
Year 2 Semester 1	<b>BPS2011</b> Pharmacology I: Biochemical signalling	<b>BPS2021</b> Synthetic chemistry I: Structure and reactivity	<b>BPS2031</b> Analytical methods I: Principles and applications	<b>BPS2041</b> Drug delivery and pharmacokinetics
Year 2 Semester 2	<b>BPS2012</b> Pharmacology II: Drug action	<b>BPS2022</b> Drug discovery and design	<b>BPS2032</b> Analytical methods II: Investigation design	<b>BPS2042</b> Drug development
Year 3 Semester 1	<b>Elective units</b> _ Choose <b>four units</b> from the following six: <ul style="list-style-type: none"> <li>• <b>BPS3011</b> Disease-focused pharmacology</li> <li>• <b>BPS3021</b> Biotechnology</li> <li>• <b>BPS3031</b> Computational drug design</li> <li>• <b>BPS3041</b> Synthetic chemistry II: Advanced methods</li> <li>• <b>BPS3051</b> Pharmaceutical product development</li> <li>• <b>BPS3061</b> Industrial formulation</li> </ul>			
Year 3 Semester 2	<b>BPS3012</b> Applied pharmaceutical science: from concept to market	<b>Elective units</b> _ Choose <b>two units</b> from the following four: <ul style="list-style-type: none"> <li>• <b>BPS3022</b> Microbiology and immunology</li> <li>• <b>BPS3032</b> Toxicology and advanced pharmacology</li> <li>• <b>BPS3042</b> Advanced experimental spectroscopy</li> <li>• <b>BPS3052</b> Applied pharmacokinetics/dynamics and nanotechnology</li> </ul>		<b>BPS3062</b> Professional experience

A	Enabling sciences	B,C	Pharmaceutical science and Applied project
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