

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

Specialisation - Drug discovery biology

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	BPS1011	BPS1021	BPS1031	BPS1041
Semester 1	Human physiology I: Cells to systems	Medicinal chemistry I: Structure	Physical chemistry I: Equilibria & change	Scientific Inquiry
Year 1	BPS1012	BPS1022 Medicinal chemistry II:	BPS1032 Physical chemistry II:	BPS1042 Pharmaceutical science in
Semester 2	Human physiology II: Body systems	Reactivity and biomolecules	Solutions, surfaces and solids	context
Van 2	BPS2011	BPS2021	BPS2031	BPS2041
Year 2 Semester 1	Pharmacology I: Biochemical signalling	Synthetic chemistry I: Structure and	Analytical methods I: Principles and	Drug delivery: Absorption pathways
	BPS1011, BPS1022	Reactivity BPS1021, BPS1022	applications BPS1031, BPS1032	BPS1011, BPS1012
Year 2	BPS2021 Pharmacology II: Drug	BPS2022 Drug Discovery and	BPS2032 Analytical methods II:	BPS2042 Drug Development
Semester 2	action	Design	Investigation design	BPS1032, BPS1042
	BPS1012	BPS1022	BPS2031	
	BPS3111	BPS3121	BPS3131	Elective unit
	BPS3111 Pharmacology III: Advanced concepts	Disease-focused pharmacology -	BPS3131 Microbiology & immunology	Elective unit Choose one of: • BPS3211
	Pharmacology III:	Disease-focused	Microbiology &	Choose one of: • BPS3211 Computational drug design
Year 3	Pharmacology III:	Disease-focused pharmacology -	Microbiology &	Choose one of: • BPS3211
Year 3 Semester 1	Pharmacology III:	Disease-focused pharmacology -	Microbiology &	Choose one of: BPS3211 Computational drug design BPS3321
	Pharmacology III:	Disease-focused pharmacology -	Microbiology &	Choose one of: BPS3211 Computational drug design BPS3321 Biotechnology products BPS3311 Applied pharmacokinetics and
	Pharmacology III:	Disease-focused pharmacology -	Microbiology &	Choose one of: BPS3211 Computational drug design BPS3321 Biotechnology products BPS3311 Applied pharmacokinetics and pharmacodynamics BPS3711 Analysis of drug-receptor
	Pharmacology III: Advanced concepts BPS3112 Professional	Disease-focused pharmacology - Peripheral BPS3122 Disease-focused	Microbiology & immunology	Choose one of: BPS3211 Computational drug design BPS3321 Biotechnology products BPS3311 Applied pharmacokinetics and pharmacodynamics BPS3711 Analysis of drug-receptor interactions Elective unit Choose one of:
Semester 1	Pharmacology III: Advanced concepts BPS3112	Disease-focused pharmacology - Peripheral	Microbiology & immunology BPS3132	Choose one of: BPS3211 Computational drug design BPS3321 Biotechnology products BPS3311 Applied pharmacokinetics and pharmacodynamics BPS3711 Analysis of drug-receptor interactions Elective unit

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P2001 Bachelor of Pharmaceutical Science

Specialisation - Medicinal chemistry

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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 BPS1011, BPS1022	BPS2021 Synthetic chemistry I: Structure and Reactivity BPS1021, BPS1022	BPS2031 Analytical methods I: Principles and applications BPS1031, BPS1032	BPS2041 Drug delivery: Absorption pathways BPS1011, BPS1012
Year 2 Semester 2	BPS2021 Pharmacology II: Drug action BPS1012	BPS2022 Drug Discovery and Design BPS1022	BPS2032 Analytical methods II: Investigation design BPS2031	BPS2042 Drug Development BPS1032, BPS1042
Year 3 Semester 1	BPS3211 Computational drug design	BPS3221 Synthetic chemistry II: Emerging methods	BPS3231 Advanced experimental spectroscopy	Elective unit Choose one of: BPS3121 Disease-focused pharmacology – peripheral BPS3131 Microbiology & immunology BPS3321 Biotechnology products BPS3711 Analysis of drug-receptor interactions

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P2001 Bachelor of Pharmaceutical Science

Specialisation - Formulation science

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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 BPS1011, BPS1022	BPS2021 Synthetic chemistry I: Structure and Reactivity BPS1021, BPS1022	BPS2031 Analytical methods I: Principles and applications BPS1031, BPS1032	BPS2041 Drug delivery: Absorption pathways BPS1011, BPS1012
Year 2 Semester 2	BPS2021 Pharmacology II: Drug action BPS1012	BPS2022 Drug Discovery and Design BPS1022	BPS2032 Analytical methods II: Investigation design BPS2031	BPS2042 Drug Development BPS1032, BPS1042
	BPS3311 Applied pharmacokinetics and	BPS3321 Biotechnology products	BPS3331 Pharmaceutical product development	Elective unit Choose one of: • BPS3121
Year 3 Semester 1	pharmacodynamics		and manufacture	Disease-focused pharmacology – peripheral BPS3131 Microbiology & immunology BPS3211 Computational drug design BPS3711 Analysis of drug-receptor interactions

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