

Course progression map for 2018 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

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 Semester 1	BPS1011 Human physiology I: Cells to systems BPS1012	BPS1021 Medicinal chemistry I: Structure BPS1022	BPS1031 Physical chemistry I: Equilibria & change	BPS1041 Scientific Inquiry BPS1042
Year 1 Semester 2	Human physiology II: Body systems	Medicinal chemistry II: Reactivity and biomolecules	Physical chemistry II: Solutions, surfaces and solids	Pharmaceutical science in context
Year 2 Semester 1	BPS2011 Pharmacology I: Biochemical signalling	BPS2021 Synthetic chemistry I	BPS2031 Analytical methods I: Principles and applications	BPS2041 Drug delivery: Absorption pathways
Year 2 Semester 2	BPS2012 Pharmacology II: Drug action	BPS2022 Drug Discovery and Design	BPS2032 Analytical methods II: Investigation design	BPS2042 Drug Development
Year 3 Semester 1	BPS3111 Pharmacology III: Advanced concepts	BPS3121 Disease-focused pharmacology - Peripheral	BPS3131 Microbiology & immunology	Elective unit Choose one of: BPS3211 Computational drug design BPS3321 Biotechnology products BPS3311 Applied pharmacokinetics and pharmacodynamics BPS3711 Analysis of drug-receptor interactions
Year 3 Semester 2	BPS3112 Professional experience in drug discovery biology	BPS3122 Disease-focused pharmacology – CNS	BPS3132 Toxicology	Elective unit Choose one of: BPS3232 Molecular basis of drug action BPS3322 Drug delivery nanotechnology

А	Foundation sciences
B,C	Pharmaceutical science and Applied project

Page 1 of 3

Source: Monash University 2017 Handbook – http://www.monash.edu.au/pubs/2017handbooks/maps/map-p2001.pdf CRICOS Provider Number: 00008C

While the information provided herein was correct at the time of viewing and/or printing, Monash University reserves the right to alter procedures, fees and regulations should the need arise. Students should carefully read all official correspondence, other sources of information for students and the official university noticeboards to be aware of changes to the information contained herein. The inclusion in a publication of details of a course in no way creates an obligation on the part of the university to teach it in any given year, or to teach it in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses. Some courses and units are described which may alter or may not be offered due to insufficient enrolments or changes to teaching personnel.



Course progression map for 2018 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

Specialisation - Medicinal chemistry

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 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	BPS2021 Synthetic chemistry I	BPS2031 Analytical methods I: Principles and applications	BPS2041 Drug delivery: Absorption pathways
Year 2 Semester 2	BPS2012 Pharmacology II: Drug action	BPS2022 Drug Discovery and Design	BPS2032 Analytical methods II: Investigation design	BPS2042 Drug Development
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
Year 3 Semester 2	BPS3212 Professional experience in medicinal chemistry	BPS3222 Synthetic strategies for drug design	BPS3232 Molecular basis of drug action	Elective unit Choose one of: BPS3122 Disease-focused pharmacology - CNS BPS3132 Toxicology BPS3322 Drug delivery nanotechnology

Α	Foundation sciences
B,C	Pharmaceutical science and Applied project

Page 2 of 3

Source: Monash University 2017 Handbook - http://www.monash.edu.au/pubs/2017handbooks/maps/map-p2001.pdf CRICOS Provider Number: 00008C

While the information provided herein was correct at the time of viewing and/or printing, Monash University reserves the right to alter procedures, fees and regulations should the need arise. Students should carefully read all official correspondence, other sources of information for students and the official university noticeboards to be aware of changes to the information contained herein. The inclusion in a publication of details of a course in no way creates an obligation on the part of the university to teach it in any given year, or to teach it in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses. Some courses and units are described which may alter or may not be offered due to insufficient enrolments or changes to teaching personnel.



Course progression map for 2018 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

Specialisation - Formulation 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	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	BPS2021 Synthetic chemistry I	BPS2031 Analytical methods I: Principles and applications	BPS2041 Drug delivery: Absorption pathways
Year 2 Semester 2	BPS2012 Pharmacology II: Drug action	BPS2022 Drug Discovery and Design	BPS2032 Analytical methods II: Investigation design	BPS2042 Drug Development
Year 3 Semester 1	BPS3311 Applied pharmacokinetics and pharmacodynamics	BPS3321 Biotechnology products	BPS3331 Pharmaceutical product development and manufacture	Elective unit Choose one of: BPS3121 Disease-focused pharmacology – peripheral BPS3131 Microbiology & immunology BPS3211 Computational drug design BPS3711 Analysis of drug-receptor interactions
Year 3 Semester 2	BPS3312 Professional experience in formulation science	BPS3322 Drug delivery nanotechnology	BPS3332 Industrial formulation	Elective unit Choose one of: BPS3122 Disease-focused pharmacology - CNS BPS3132 Toxicology BPS3232 Molecular basis of drug action

Α	Foundation sciences
B,C	Pharmaceutical science and Applied project

Page 3 of 3

Source: Monash University 2017 Handbook – http://www.monash.edu.au/pubs/2017handbooks/maps/map-p2001.pdf CRICOS Provider Number: 00008C

While the information provided herein was correct at the time of viewing and/or printing, Monash University reserves the right to alter procedures, fees and regulations should the need arise. Students should carefully read all official correspondence, other sources of information for students and the official university noticeboards to be aware of changes to the information contained herein. The inclusion in a publication of details of a course in no way creates an obligation on the part of the university to teach it in any given year, or to teach it in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses. Some courses and units are described which may alter or may not be offered due to insufficient enrolments or changes to teaching personnel.