Bachelor of Medicinal Chemistry (Honours) 3999 – T1 2026 START

[object Object],[object Object],[object Object]

Program: Medicinal Chemistry (Honours) [3999]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
BABS1201 Molecules, Cells and Genes		6
CHEM1051 Higher Chemistry 1A (Medicinal): Atoms, Molecules and Energy		6
CHEM1151 Introductory Medicinal Chemistry		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
BABS1202 Applied Biomolecular Sciences		6
CHEM1061 Higher Chemistry 1B (Medicinal): Elements, Compounds and Life	CHEM1051	6
MATH1041 Statistics for Life and Social Sciences		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
MATH1031 Mathematics for Life Sciences		6
Free Elective		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
CHEM2041 Analytical Chemistry: Essential Methods	MATH1041, CHEM1061, CHEM1051, MATH1031	6
General Education		6
Free Elective		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
BIOC2101 Principles of Biochemistry (Advanced)	CHEM1061, CHEM1051, BABS1201	6
CHEM2011 Physical Chemistry: Molecules, Energy and Change	CHEM2041	6
CHEM2021 Organic Chemistry: Mechanisms and Biomolecules	CHEM2041	6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
BIOC2201 Principles of Molecular Biology (Advanced)	CHEM1061, CHEM1051, BABS1201	6

Course or Activity	Prerequisites	Credits
PHAR2011 Introductory Pharmacology and Toxicology	BABS1202, BABS1201, BIOC2101	6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
CHEM3021 Organic Chemistry: Modern Synthetic Strategies	CHEM2021	6
PHAR3102 Molecular Pharmacology	PHAR2011	6
Medicinal Chemistry Electives		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
CHEM3041 Advanced Analytical Methods	CHEM2041	6
Medicinal Chemistry Electives		6
General Education		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
CHEM3051 Medicinal Organic Chemistry	CHEM3021	6
PHAR3101 Drug Discovery, Design and Development	PHAR2011	6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
Level 4 Honours		16

Year 4 Term 2

Course or Activity	Prerequisites	Credits
Level 4 Honours		16

Year 4 Term 3

Course or Activity	Prerequisites	Credits
Level 4 Honours		16

*Lock: Students are required to take these courses within the specified semester