Medicinal Chemistry

Year and Campus:	2016
Coordinator:	Associate Professor Craig Hutton
Contact:	**Administrator** Ms Andrea Oliver School of Chemistry Email: **a.oliver@unimelb.edu.au (mailto:a.oliver@unimelb.edu.au)**
Overview:	The Graduate Diploma allows students who have completed an undergraduate degree to re-focus or expand their body of knowledge by completing the requirement of one of the undergraduate majors (or equivalent) in the Bachelor of Science not already completed. The Graduate Certificate provides a pathway to the Master of Science Streams.
Learning Outcomes:	Students who complete the Graduate Diploma should: # Demonstrate an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories and methodologies that are applied with intellectual honesty and a respect for ethical values; # Apply critical and analytical skills and methods to the identification and resolution of problems; # Act as informed and critically discriminating participants within the community of scholars, as citizens and in the work force; # Communicate effectively; # Commit to continuous learning; # Be proficient in the use of appropriate modern technologies, such as the computer and other information technology systems, for the acquisition, processing and interpretation of data.
Structure & Available Subjects:	Completion of 100 points: # 50 points of study at Level 3; # 50 points of study at Level 2 or above.
Subject Options:	***Subject prerequisites:*** *CHEM10004 Chemistry 2 or CHEM10006 Chemistry for Biomedicine, or equivalents and a further 12.5 points of level 1 biological science subjects.* **Level 2** Students should select 50 points of level 2 options to meet the pre-requisites for their level 3 choices. - Students must take:

Subject	Study Period Commencement:	Credit Points:
CHEM20018 Chemistry: Reactions and Synthesis	Semester 1	12.50
CHEM20019 Practical Chemistry 2	Semester 2	12.50
CHEM20020 Chemistry: Structure and Properties	Semester 2	12.50
PHRM20001 Pharmacology: How Drugs Work	Semester 2	12.50

Level 3

All four of:

	Subject	Study Period Commencement:	Credit Points:
	CHEM30015 Advanced Practical Chemistry	Semester 1	12.50
	CHEM30016 Reactivity and Mechanism	Semester 1	12.50
	PHRM30008 Drugs: From Discovery to Market	Semester 1	12.50
	PHRM30009 Drugs in Biomedical Experiments	Semester 1, Semester 2	12.50
Links to further information:	http://graduate.science.unimelb.edu.au		
Related Course(s):	Graduate Diploma in Science		