

PHRM40002 Advanced Topics in Pharmacology

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 24 Total Time Commitment: 120 hours
Prerequisites:	Students must be enrolled in the Bachelor of Biomedicine (Honours) or Bachelor of Science (Honours) to complete this subject.
Corequisites:	Please refer to the notes section below for details regarding the subjects to be completed.
Recommended Background Knowledge:	Pharmacology 300 level and related biomedical discipline.
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Assoc Prof Christine Wright
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Subject Overview:	The pharmacology coursework subject covers topics in analytical pharmacology, cutting edge research techniques in drug design and molecular pharmacology, and in evaluating mechanisms of drug action at the molecular level through to complex integrated systems. There will be tutorials on reading and evaluating scientific manuscripts, experimental design and statistical approaches.
Objectives:	Advanced knowledge of research techniques in pharmacology. Understanding of analytical, molecular and integrated pharmacology. Evaluation of scientific manuscripts and experimental design.
Assessment:	Theory assignment (mid semester 1) (70%) Manuscript evaluation (end of semester 1) (30%)
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Technical writing Database searching

Links to further information:	http://www.pharmacology.unimelb.edu.au/
Notes:	To be awarded Honours with a specialisation in Pharmacology, students must successfully complete the following: Semester 1 BIOM40001 Introduction to Biomedical Research (12.5 points) PHRM40002 Advanced Topics in Pharmacology (12.5 points) PHRM40001 Pharmacology Research Project (25 points) Semester 2 PHRM40006 Pharmacology Research Project (50 points)
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)