MEDI40002 Advanced Studies in Biomedicine

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: 32 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:	None
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:	Dr Rachel Davey
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Subject Overview:	Students will attend and participate in the Continuing Education Program (approximately 12 hours) and attend the Departmental Research In Progress Seminars (45 minutes duration, held throughout the year on a weekly basis (approximately 20 hours)). The Continuing Education Program has been especially designed to assist the student in gaining the skills necessary to succeed in their BSc Hons/BBiomed Hons. The program consists of a lecture series and number of workshops covering all of the assessment tasks in the Honours year including information relating to oral presentations, critical review of the literature, data analysis, literature data base programs, poster presentations, preparations of literature reviews, assignments, abstracts, posters and the research thesis. The Departmental Research in Progress program includes presentations encompassing a wide range of topics of central interest to contemporary biomedical research presented by external invited speakers and PhD students within the department.
Objectives:	This subject aims to extend and enhance the student's education and intellectual development in the broader field of biomedical science by exposing them to topics outside the subject of their research project. This subject will thus provide the student with the opportunity to further develop their skills with respect to written communication, reference searches and critical analysis of the literature. Overall, the aim of our course is to provide students with first-rate skills that will either qualify admission into a Research Higher Degree or provide the necessary skills to pursue a successful career in one of the many science and technology industries available.
Assessment:	A written assignment of 3000 words 45% (due May). An oral presentation including response to questions 45% (in June), on a topic relating to a distinct area of advanced biomedical research

	which does not pertain to the student's research project (15 minutes presentation, plus 5 minutes questions).Attendance and participation at Research in Progress (once weekly for the duration of the honours year from February to end of October, approximately 20 hours in total) and Continuing Education seminars (10%) (early in Semester 1, approximately 12 hours in total).
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:	# planning and organisation # how to seek and retrieve relevant information; # critically analyse information; # compare and contrast the literature; # establish time management skills and manage the completion of a specific task; # communicate results in both oral and written format in accordance with guidelines provided.
Links to further information:	http://www.austinmedicine.unimelb.edu.au/
Notes:	To be awarded Honours with a specialisation in Medicine (Austin/Northern Health), students must successfully complete the following: **Semester 1** BIOM40001 Introduction to Biomedical Research (12.5 points) MEDI40002 Advanced Studies in Biomedicine (12.5points) MEDI40001 Biomedicine Research Project (25 points) **Semester 2** MEDI40013 Biomedicine Research Project (50 points)
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)