

ANAT40005 Anatomy & Cell Biology Research Project

Credit Points:	50
Level:	4 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught online/distance. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Total Time Commitment: Students should discuss total time commitment with their supervisor but as a guide, a student would be expected to be engaged in their research for an average of thirty hours per week over two semesters.
Prerequisites:	Students must be enrolled in the Bachelor of Biomedicine (Honours), Bachelor of Science (Honours) or Postgraduate Diploma in Science to complete this subject.
Corequisites:	Please refer to the notes section below for details regarding the subjects to be completed.
Recommended Background Knowledge:	Biological / Biomedical 300 level knowledge
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 Gary Hime
Contact:	Academic Coordinator: Dr Gary Hime g.hime@unimelb.edu.au Administrative Coordinator: Ms Kim Williams k.williams@unimelb.edu.au
Subject Overview:	The student will conduct an original research project in a research laboratory under supervision of a research scientist in the Department of Anatomy and Cell Biology from February to November. The student will be introduced to current literature and techniques in specialised areas. The research project will typically form part of a larger project or the basis of an expanded project. In either case, the work may culminate in a contribution to an original research publication. Students will be enrolled in a combination of the research project subjects indicated below to ensure they have completed a total of 75 points for the research project by the end of their course. ANAT40001 Anatomy and Cell Biology research Project – 25 points (semester 1) ANAT40005 Anatomy and Cell Biology research Project – 50 points (semester 2)
Objectives:	<ul style="list-style-type: none"> # Communication of science in oral presentations # Thesis writing and evaluation of scientific literature # Extensive research training, completion of own research project, skills in experimental design and analyses

Assessment:	A 3000 word literature review on a topic related to the research project to be submitted in April (7%) A grade submitted by the research supervisor for the student's performance in the laboratory during the year. The mark will take into account effort, ability, independence, initiative, punctuality and reliability (6%) A 7000 word research thesis to be submitted in late October (80%) A 10 minute oral presentation on the research project to be delivered after submission of the thesis (7%)
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:	<ul style="list-style-type: none"> # Statistical analyses # Oral communication # Technical writing # Database searching
Links to further information:	http://www.anatomy.unimelb.edu.au/
Notes:	<p>To be awarded Honours with a specialisation in Anatomy and Cell Biology, students must successfully complete the following:</p> <p>Semester 1</p> <p>BIOM40001 Introduction to Biomedical Research ANAT40002 Seminars in Anatomy and Cell Biology ANAT40001 Anatomy and Cell Biology Research Project (25 points)</p> <p>Semester 2</p> <p>ANAT40005 Anatomy and Cell Biology Research Project (50 points)</p>
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)