

Anatomy and Cell Biology

Year and Campus:	2012		
Coordinator:	Dr Peter Kitchener		
Contact:	Academic Coordinator: Dr Peter Kitchener p.kitchener@unimelb.edu.au (mailto:p.kitchener@unimelb.edu.au) Administrative Coordinator: Ms Kim Williams k.williams@unimelb.edu.au (https://mce_host/faces/htdocs/k.williams@unimelb.edu.au)		
Overview:	The Honours program in Anatomy and Cell Biology is an advanced and specialised one year course of study requiring a higher standard of performance than a pass degree following a BSc, BMed or equivalent degree. It consists of a combination of a research project and compulsory course work. The research component is carried out under the supervision in one of the research groups in Anatomy and Cell Biology. Students work nearly full time in the laboratory designing, executing and analysing experiments. The course year starts in February and ends in November and is only available full time.		
Objectives:	The Honours program in Anatomy and Cell Biology is an advanced level of study designed to allow students to specialise in one area of study. The opportunity to specialise provides a strong foundation for the future direction of graduates, whether as a means of progressing to higher degree research at the PhD level, or improving the scope of employment options and professional advancement. Graduates of the program will: <ul style="list-style-type: none"> • Demonstrate a detailed knowledge and understanding of selected fields of study in the biomedical sciences. • 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 scientific questions. • Act as informed and critically discriminating participants within the community of scholars, as citizens and in the work force. • Communicate effectively via written and oral presentations. • Qualify for employment in a wide range of occupations. • Commit to continuous learning. • Be proficient in the use of appropriate modern technologies, such as specialised data recording devices and other information technology systems, for the acquisition, processing and interpretation of data. 		
Structure & Available Subjects:	The Honours program consists of 100 credit points completed over 12 months full time comprising of two (2) Advanced Coursework subjects and a Research Project. To be awarded Honours with a specialisation in Anatomy and Cell Biology, students must successfully complete the following: <ul style="list-style-type: none"> # BIOM40001 - Introduction to Biomedical Research (12.5 points) # ANAT40002 - Seminars in Anatomy and Cell Biology (12.5 points) # ANAT40001 and ANAT40005 - Anatomy and Cell Biology Research Project (75 points) There are no elective subjects in this Honours program.		
Subject Options:	Coursework Component Students must complete 25 credit points of advanced coursework subjects. This is achieved by enrolling in the following subjects in the appropriate semesters.		
	Subject	Study Period Commencement:	Credit Points:

	BIOM40001 Introduction To Biomedical Research	February	12.50
	ANAT40002 Seminars in Anatomy and Cell Biology	February	12.50
	Research Component		
	Students must complete a total of 75 credit points of research across the duration of the Honours program. This is achieved by enrolling in a combination of the following subjects in the appropriate semesters.		
	Subject	Study Period Commencement:	Credit Points:
	ANAT40001 Anatomy & Cell Biology Research Project	Semester 1	25
	ANAT40005 Anatomy & Cell Biology Research Project	Semester 2	50
Links to further information:	http://www.anatomy.unimelb.edu.au/		
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)		