

Honours Program - Genetics

Year and Campus:	2012						
Coordinator:	Professor James Camakaris Department of Genetics						
Contact:	<p>Email: j.camakaris@unimelb.edu.au (mailto:j.camakaris@unimelb.edu.au)</p> <p>For course enquiries about the Bachelor of Science (Degree with Honours) or the Bachelor of Biomedicine (Degree with Honours) in Genetics, please contact:</p> <p>Eastern Precinct Student Centre The Eastern Precinct (building 138) (between Doug McDonnell building and Eastern Resource Centre)</p> <p>http://www.studentcentre.unimelb.edu.au/eastern (http://www.studentcentre.unimelb.edu.au/eastern)</p> <p>Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au</p>						
Overview:	<p>Honours in Genetics is a one-year program designed to extend students' knowledge and skills through a supervised research project together with advanced coursework in genetics.</p> <p>The Honours year in Genetics is an integrated package consisting of a research project and course work conducted under the supervision of a member of staff and an assessing committee which meets with the student during the year and provides valuable feedback. The research project continues throughout the year and is assessed by the presentation of a research talk and a written report at the end of the year. The coursework consists of lectures and discussions on various topics together with written and oral presentations.</p> <p>Admission requirements</p> <p>In addition to satisfying the Bachelor of Science (Degree with Honours) or the Bachelor of Biomedicine (Degree with Honours) entry requirements, students need to have completed a major in Genetics, consisting of</p> <ul style="list-style-type: none"> # GENE30001 Evolutionary Genetics and Genomics, # GENE30002 Genes: Organisation and Function, # GENE30004 Genetic Analysis, and # one elective subject (e.g. GENE30005 Human and Medical Genetics, particular subjects from other biological disciplines). <p>However in special circumstances, particularly where relevant Level 3 practical subjects in other biological disciplines have been completed, these requirements may be waived by the Head of Department.</p> <p>Honours in Genetics is available as start of year intake only.</p>						
Objectives:	Honours in Genetics is a one year program designed to extend students' knowledge of Genetics, to begin more professional training as a scientist and to assess abilities and interest for research.						
Structure & Available Subjects:	<p>Research Students must complete 75 points of research.</p> <p>Coursework Students must complete 25 points of coursework.</p>						
Subject Options:	<p>Research component</p> <p>Students enrol in a total of 75 points of research project across the duration of the Honours program. This is achieved by enrolling in a combination of the following subjects in appropriate semesters to achieve a total 75 credit points.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>GENE40001 Genetics Research Project</td> <td>Semester 1</td> <td>25</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	GENE40001 Genetics Research Project	Semester 1	25
Subject	Study Period Commencement:	Credit Points:					
GENE40001 Genetics Research Project	Semester 1	25					

	GENE40005 Genetics Research Project	Semester 1, Semester 2	50
	Coursework component Students enrol in two 12.5 point coursework subjects.		
	Core subject		
	Subject	Study Period Commencement:	Credit Points:
	GENE40006 Critical Review in Genetic Research	Semester 1	12.50
	Plus Either one of the following core subjects which are available in alternate years:		
	Subject	Study Period Commencement:	Credit Points:
	GENE90012 Advanced Topics in Genetics A	Not offered 2012	12.50
	GENE90018 Advanced Topics in Genetics B	March, May	12.50
Links to further information:	http://www.genetics.unimelb.edu.au/teaching/prospective/honours.html		
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)		