

GENE90012 Advanced Topics in Genetics A

Credit Points:	12.50									
Level:	9 (Graduate/Postgraduate)									
Dates & Locations:	This subject is not offered in 2012. This subject is offered in alternate years.									
Time Commitment:	Contact Hours: 30 contact hours comprising 10 two-hour lectures/lecture discussions and 10 hours of student presentations. Total Time Commitment: 120 hours.									
Prerequisites:	Both of the following, or equivalent. <table border="1" data-bbox="389 488 1485 692"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>GENE30001 Evolutionary Genetics and Genomics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>GENE30002 Genes: Organisation and Function</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	GENE30001 Evolutionary Genetics and Genomics	Semester 1	12.50	GENE30002 Genes: Organisation and Function	Semester 1	12.50
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GENE30001 Evolutionary Genetics and Genomics	Semester 1	12.50								
GENE30002 Genes: Organisation and Function	Semester 1	12.50								
Corequisites:	None									
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/									
Contact:	Assoc Prof Meryl Davis Email: m.davis@unimelb.edu.au (mailto:m.davis@unimelb.edu.au)									
Subject Overview:	This subject will focus on one or more current areas of Genetic research and aims to provide students with an in-depth coverage of these areas with respect to recent advances and insights. This subject will extend basic knowledge in these areas gained during a student's undergraduate degree. The topics of this subject will change from year to year but the subject will consist of blocks of lectures in the chosen topics, literature review and analysis where published papers are analysed and discussed and of student oral presentations. The subject provides students with skills and knowledge for understanding original research and enhanced oral communication skills.									
Objectives:	Objectives of this subject are for students to: <ul style="list-style-type: none"> # understand the way in which experiments in genetics are designed, communicated and interpreted; # extend their abilities in oral and written scientific communication; and # gain the ability to read and assimilate specific research papers and to understand how the research reported relates to the broad field of genetics. The subject involves lectures and lecture/discussions on research papers in one or more areas of genetics.									
Assessment:	One 20-minute oral presentation, mid-subject (25%); one three-hour examination at the end of the subject (75%).									
Prescribed Texts:	None									

Recommended 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:	<p>This subject will provide students with the opportunity to develop the following generic skills:</p> <ul style="list-style-type: none"> # the ability to evaluate scientific literature; # the ability to use conceptual models to assess experimental data; # the capacity to articulate their knowledge and understanding in written and oral presentations; # an appreciation of high level written presentation skills; # the capacity for oral communication and presentation skills; # time management and self-management skills.
Related Course(s):	Master of Science (Genetics)
Related Majors/Minors/ Specialisations:	Genetics Honours Program - Genetics