GENE40006 Critical Review in Genetic Research

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: 12 hours of consultation with Genetics Department honours committee. Total Time Commitment: 120 hours
Prerequisites:	In addition to satisfying the Faculty of Science entry requirements, BSc students wishing to enter the Genetics Honours program need to complete at least 50 points of 300-level genetics subjects, including 652-304 Genetic Analysis. However in special circumstances, particularly where relevant 300-level practical subjects in other biological disciplines have been completed, these requirements may be waived by the Head of Department. B.Biomedicine students need to complete a major in Genetics consisting of 652-301, 652-302, 652-304 and one 12.5 point elective subject (see handbook---includes 652-305 and particular subjects from other biological disciplines)
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests 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 for 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:	Prof James Camakaris
Contact:	Email: **j.camakaris@unimelb.edu.au (mailto:j.camakaris@unimelb.edu.au)**
Subject Overview:	This subject involves writing an essay that draws together broad published literature on an advanced topic in contemporary Genetics which is the subject of active research at the international level. The topic will be assigned by the student's Honours committee in consultation with the student. The committee will provide guidance on the scope and depth of the topic and will provide feedback to the student on preliminary outlines of the essay.
Objectives:	Upon completion of the subject, students should have: • acquired experience and skills in searching, selecting , interpreting, assimilating and integrating literature in an advanced topic in Genetics • understood the way in which experiments in genetics are designed, communicated and interpreted in scientific papers; • extended their abilities in written scientific communication involving a critical approach .
Assessment:	One essay (not more than 3,000 words) due during semester one (80% of total assessment).Prior to submission of the essay the student will give a 15 minute talk to the Department of Genetics on the essay topic. (20% of total assessment).
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:	This subject will provide students with the opportunity to develop the following generic skills: • the ability to evaluate scientific literature; • the ability to use conceptual models to assess experimental data presented in the scientific literature; • the capacity to articulate their knowledge and understanding in written presentations; • time management and self-management skills
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)