BIOM30003 Biomedical Science Research Project

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: Distribution of time between specific tasks will be decided in negotiation with the supervisor but an overall weekly commitment of 10 hr per week is expected. Total Time Commitment: 120 hr
Prerequisites:	Excellent results in a discipline appropriate to the project (normally an average of at least 75% in relevant 2nd and 3rd year subjets) and approval of the relevant Head of Department.
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 Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Contact:	Subject Coordinator Prof Joel Bornstein **j.bornstein@unimelb.edu.au (mailto:j.bornstein@unimelb.edu.au)** Administrative Coordinator Ms Lesley Robinson **BiomedSci-AcademicServices@unimelb.edu.au (mailto:BiomedSci-AcademicServices@unimelb.edu.au)**
Subject Overview:	An individual program of supervised research in which the student, in consultation with the supervisor, designs, conducts and reports on the outcomes of a specific project. Detailed requirements are negotiated with the supervisor.
Learning Outcomes:	To provide students with opportunities to gain experience in the design, conduct, management and reporting of research projects.
Assessment:	written report (~4000 words) due end of semester (70%) oral report (15 min) or poster presentation requiring an equivalent amount of preparation due towards end of semester (15%) supervisor assessment of research competence, based on student's contributions to project design and completion (15%)
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:	Students are expected to develop skills in: # locating and synthesising information available in scientific and other literature in order to establish the need and scope of the research project; # creative problem solving by devising the methodological approaches to address the research question; # time management; # collection and analysis of data; # communication of research results in oral and written form, requiring critical analysis, synthesis and organisation of knowledge and construction of a rational and lucid scientific argument; # understanding potential ethical issues associated with research
Notes:	This undergraduate research project subject is available to BBiomed and BSc students who are interested in undertaking a research project in the following MDHS departments: Anatomy & Neuroscience, Biochemistry & Molecular Biology, Microbiology & Immunology, Pathology, Pharmacology & Therapeutics and Physiology. Enrolment in the subject is contingent on the availability of a supervisor. A suitable supervisor may not be available in any particular semester. Students wishing to be considered for this subject must gain the approval of a relevant supervisor, complete a Biomedical Science Research Project application form and submit it to the MDHS Student Centre (Brownless Biomedical Library Level 1).
Related Majors/Minors/ Specialisations:	Anatomy (pre-2008 Bachelor of Science) Animal Cell Biology (specialisation of Cell and Developmental Biology major) Biochemistry and Molecular Biology Biotechnology (pre-2008 Bachelor of Science) Cell Biology (pre-2008 Bachelor of Science) Human Structure and Function Immunology (pre-2008 Bachelor of Science) Microbiology (pre-2008 Bachelor of Science) Neuroscience Pathology Pharmacology Physiology Plant Cell Biology and Development (specialisation of Cell and Developmental Biology major) Reproduction and Development (pre-2008 Bachelor of Science) Reproduction and Development (specialisation of Cell and Developmental Biology major) Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses Science-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED