

Physiology

Year and Campus:	2013																		
Coordinator:	Assoc Prof Graham Barrett																		
Contact:	Email: grahamlb@unimelb.edu.au (mailto:grahamlb@unimelb.edu.au)																		
Overview:	<p>Areas of Specialisation</p> <p>Research within the department is grouped into three areas of specialization:</p> <ul style="list-style-type: none"> # Cardiovascular Health: Cardiac Phenomics, Central Cardiovascular Regulation, Fetal, Postnatal & Adult Physiology and Disease, Genes & Blood Pressure. # Muscle & Exercise: Exercise Muscle & Metabolism, Basic & Clinical Myology, Confocal & Fluorescence Imaging; # Neurophysiology: Enteric Neuroscience, Molecular Neuroscience. 																		
Objectives:	<p>The program in physiology is designed to:</p> <ul style="list-style-type: none"> # enhance students' knowledge and understanding of the principles of the control of body function and the current development in a specific area of interest; # engage students in research in a structured and supervised environment; # introduce students to the professional skills required of a successful physiologist (grant writing, critical appreciation of scientific writing, peer communication); and # develop the processes of independent, lifelong learning using the scientific literature. 																		
Structure & Available Subjects:	<p>The Postgraduate Diploma of Science (Physiology) consists of:</p> <ul style="list-style-type: none"> # Research (75 points); # Advanced Coursework (25 points) . 																		
Subject Options:	<p>Research</p> <p>This involves undertaking an original, supervised research project. A written report (thesis), not exceeding 10 000 words, is to be submitted at the end of the program. In addition, assessment includes two oral presentations and a literature review.</p> <p>Students must take:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>PHYS40005 Physiology Research Project</td> <td>Not offered 2013</td> <td>25</td> </tr> <tr> <td>PHYS40006 Physiology Research Project</td> <td>Not offered 2013</td> <td>50</td> </tr> </tbody> </table> <p>Advanced Coursework</p> <p>Students must take:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOM40001 Introduction To Biomedical Research</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>PHYS90008 Advanced Seminars in Physiology</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	PHYS40005 Physiology Research Project	Not offered 2013	25	PHYS40006 Physiology Research Project	Not offered 2013	50	Subject	Study Period Commencement:	Credit Points:	BIOM40001 Introduction To Biomedical Research	Not offered 2013	12.50	PHYS90008 Advanced Seminars in Physiology	Not offered 2013	12.50
Subject	Study Period Commencement:	Credit Points:																	
PHYS40005 Physiology Research Project	Not offered 2013	25																	
PHYS40006 Physiology Research Project	Not offered 2013	50																	
Subject	Study Period Commencement:	Credit Points:																	
BIOM40001 Introduction To Biomedical Research	Not offered 2013	12.50																	
PHYS90008 Advanced Seminars in Physiology	Not offered 2013	12.50																	
Links to further information:	http://graduate.science.unimelb.edu.au/																		
Notes:	This program does not have a mid-year intake.																		
Related Course(s):	Postgraduate Diploma in Science																		