Physiology

Year and Campus:	2014
Coordinator:	Assoc Prof Graham Barrett
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Overview:	**Areas of Specialisation** Research within the department is grouped into three areas of specialization: # 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.
Learning Outcomes:	The program in physiology is designed to: # 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:	The Postgraduate Diploma of Science (Physiology) consists of: # Research (75 points); # Advanced Coursework (25 points) .
Subject Options:	**Research** 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. Students must take:

Subject	Study Period Commencement:	Credit Points:
PHYS40005 Physiology Research Project	Semester 1	25
PHYS40006 Physiology Research Project	Semester 2	50

Advanced Coursework

Students must take:

Subject	Study Period Commencement:	Credit Points:
BIOM40001 Introduction To Biomedical Research	February	12.50
PHYS90008 Advanced Seminars in Physiology	Semester 1	12.50

Links to further information:	http://graduate.science.unimelb.edu.au/
Notes:	This program does not have a mid-year intake.