PAED40005 Paediatrics Research Project

Credit Points:	50
Level:	4 (Undergraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Total Time Commitment: Students should discuss total time commitment with their supervisor but as a guide, a student would be expected to be engaged in their research for an average of thirty hours per week over two semesters.
Prerequisites:	

Subject	Study Period Commencement:	Credit Points:
BIOM40001 Introduction To Biomedical Research	February	12.50
PAED40002 The Biology of Human Health and Disease	Semester 1	12.50
PAED40001 Paediatrics Research Project	Semester 1	25

Corequisites:	None
Recommended Background Knowledge:	Completion of a three year BSc or BBiomed degree with a major in one or more of biochemistry and molecular biology, genetics, microbiology, immunology, anatomy and cell biology.
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 Equitable Adjustment Procedure (SEAP), academic requirements for this subject are articulated in the Subject Overview, Objectives, 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 will impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/
Contact:	Academic Coordinator: Assoc Prof Amanda Fosang **amanda.fosang@mcri.edu.au (mailto:amanda.fosang@mcri.edu.au)**
Subject Overview:	This subject provides students with the opportunity to design and conduct, under supervision, an independent biomedical research project. Specific research projects will depend on the availability of appropriate supervisors and resources. This subject should enable students to develop a line of research though hypothesis testing, experimental design and practical experimentation. Students will take responsibility for statistical analysis, data interpretation and dissemination of the research findings via podium and written presentations. This subject is designed to complement the accompanying coursework subject **PAED40002 (../../view/2011/PAED40002)** . Students will be enrolled in a combination of the research project subjects indicated below to ensure they have completed a total of 75 points for the research project by the end of their course. PAED40001 Paediatrics Research Project – 25 points (semester 1) PAED40005 Paediatrics Research Project – 50 points (semester 2)
Learning Outcomes:	The objectives of this subject are to: # Provide a practical introduction to biomedical research # Provide practical experience in research skills including hypothesis testing, experimental design and experimentation

	# Develop a high standard of verbal and written communication skills. # Encourage the development of independent thinking and critical analysis of the scientific literature
Assessment:	The student's original research project will be assessed by the following criteria: A written report (thesis) of 10,000 – 12,000 words (80%) An oral presentation on the research project (13.3%) Supervisor's report on the student's overall research ability (6.7%)
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:	At the completion of this subject students should have: # an in-depth knowledge of their research subject # competent experimental skills in a particular research area # reached a high level of skill in academic writing and research dissemination # reached a high level of skill in verbal communication # the ability to demonstrate independent critical thinking and analysis
Links to further information:	http://www.paediatrics.unimelb.edu.au/
Notes:	Students must be enrolled in the Bachelor of Biomedicine (Honours) or Bachelor of Science (Honours) to complete this subject.
Related Majors/Minors/ Specialisations:	Paediatrics