

Pathology

Year and Campus:	2015									
Coordinator:	Dr Theo Mantamadiotis									
Contact:	<p>Coordinator: Dr Theo Mantamadiotis theom@unimelb.edu.au (mailto:theom@unimelb.edu.au)</p> <p>Administrative Coordinator: Ms Lesley Robinson lesleyr@unimelb.edu.au (mailto:lesleyr@unimelb.edu.au)</p>									
Overview:	The Honours program in the Department of Pathology provides an introduction to the challenging area of investigation of disease at the cellular and molecular level. Students will undertake a full-time research project based in a laboratory within the Department of Pathology or at one of our affiliated institutions. A student undertaking Honours in the Department of Pathology will have a strong interest in investigating and understanding the mechanisms of disease.									
Learning Outcomes:	<p>The course is composed of a laboratory based research project, supported by course work, which will give students experience in the areas of -</p> <ul style="list-style-type: none"> # Design and execution of experiments # Learning new laboratory techniques and procedures # Construction of a title, hypothesis and relevant aims for a project # Acquisition, interpretation and critical analysis of data. # Reporting of experimental data in a concise and scientific manner through the preparation of a Thesis that is consistent with that published in scientific manuscripts # Reporting of experimental data, through the preparation of a Thesis report, in a concise and scientific manner consistent with that published in scientific manuscripts # Oral communication of results via presentations to a scientific audience <p>Students completing Honours in the Department of Pathology will develop a strong foundation for further studies as a Research Higher Degree candidate or employee with research and analysis experience.</p>									
Structure & Available Subjects:	<p>The Honours program consists of 100 credit points completed over 12 months full time (or part time equivalent) comprising of two (2) Advanced Coursework subjects and a Research Project.</p> <p>To be awarded Honours with a specialisation in Pathology, students must successfully complete the following:</p> <ul style="list-style-type: none"> # BIOM40001 - Introduction to Biomedical Research (12.5 points) # PATH40002 - Critical Analysis of Pathology Research (12.5 points) # PATH40001 and PATH40005 - Pathology Research Project (75 points) <p>There are no elective subjects in this Honours program.</p>									
Subject Options:	<p>Coursework Component</p> <p>Students must complete 25 credit points of advanced coursework subjects. This is achieved by enrolling in the following subjects in the appropriate semesters.</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>February</td> <td>12.50</td> </tr> <tr> <td>PATH40002 Critical Analysis of Pathology Research</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Research Component</p>	Subject	Study Period Commencement:	Credit Points:	BIOM40001 Introduction To Biomedical Research	February	12.50	PATH40002 Critical Analysis of Pathology Research	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:								
BIOM40001 Introduction To Biomedical Research	February	12.50								
PATH40002 Critical Analysis of Pathology Research	Semester 1	12.50								

Students must complete a total of 75 credit points of research across the duration of the Honours program. This is achieved by enrolling in a combination of the following subjects in the appropriate semesters.

Subject	Study Period Commencement:	Credit Points:
PATH40001 Pathology Research Project	Semester 1	25
PATH40005 Pathology Research Project	Semester 2	50

Links to further information:

<http://www.path.unimelb.edu.au/>

Related Course(s):

Bachelor of Biomedicine (Degree with Honours)
Bachelor of Science (Degree with Honours)