Pathology

Year and Campus:	2012
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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.
Objectives:	The course is composed of a laboratory based research project, supported by course work, which will give students experience in the areas of - # 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 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.
Structure & Available Subjects:	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. To be awarded Honours with a specialisation in Pathology, students must successfully complete the following: # 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) There are no elective subjects in this Honours program.
Subject Options:	**Coursework Component** Students must complete 25 credit points of advanced coursework subjects. This is achieved by enrolling in the following subjects in the appropriate semesters.

Subject	Study Period Commencement:	Credit Points:
BIOM40001 Introduction To Biomedical Research	February	12.50
PATH40002 Critical Analysis of Pathology Research	Semester 1	12.50

Research Component

	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)