

PATH20001 Exploring Human Disease - Science

Credit Points:	12.50																					
Level:	2 (Undergraduate)																					
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.																					
Time Commitment:	Contact Hours: 24 lectures (2 per week) and 10 hours (5 x 2) of Computer Aided Learning (CAL) sessions. Total Time Commitment: 120 hours (which includes study time).																					
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>CHEM10003 Chemistry 1</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>CHEM10004 Chemistry 2</td> <td>January, Semester 2</td> <td>12.50</td> </tr> <tr> <td>BIOL10004 Biology of Cells and Organisms</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>BIOL10005 Genetics & The Evolution of Life</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>BCMB20002 Biochemistry and Molecular Biology</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>BCMB20005 Techniques in Molecular Science</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Note: Students must have completed (or be concurrently enrolled in) BCMB20002 Biochemistry and Molecular Biology and BCMB20005 Techniques in Molecular Science.</p>	Subject	Study Period Commencement:	Credit Points:	CHEM10003 Chemistry 1	Semester 1, Semester 2	12.50	CHEM10004 Chemistry 2	January, Semester 2	12.50	BIOL10004 Biology of Cells and Organisms	Semester 1	12.50	BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50	BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.50	BCMB20005 Techniques in Molecular Science	Semester 1, Semester 2	12.50
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Corequisites:	None																					
Recommended Background Knowledge:	Chemistry and Biology																					
Non Allowed Subjects:	This subject is not available to students enrolled in the Bachelor of Biomedicine.																					
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/																					
Coordinator:	Dr Vicki Lawson																					
Contact:	Dr Vicki Lawson v.lawson@unimelb.edu.au (mailto:v.lawson@unimelb.edu.au) Administrative Coordinator: BiomedSci-AcademicServices@unimelb.edu.au (mailto:BiomedSci-AcademicServices@unimelb.edu.au)																					
Subject Overview:	This subject will introduce the fundamental principles of, and current questions about human pathology by study of causes, mechanisms of development and possible outcomes of disease, including defence and repair processes which occur in response to malfunction of tissues and organs.																					
Objectives:	By the end of the semester students should: <ul style="list-style-type: none"> # understand the basic principles operating during the initiation and development of human disease # understand the terminology used to discuss pathology concepts and questions # have the ability to understand and think critically about the relationship between normal and abnormal cellular structure and function 																					

Assessment:	Hurdle requirements:Hand-in of question sheet from each Computer Aided Learning (CAL) exercise.Hand-in of completed Revision Question sheets during the semester (dates to be advised at the start of the semester).One multiple choice question test in Week 7 (30%). 2-hour written examination in the examination period (70%).
Prescribed Texts:	Kumar V, et. al., Robbins Basic Pathology, Saunders Elsevier, latest edition.
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:	On completion of this subject, students should have developed the following skills: # an ability to organise and see the relationship between complex concepts
Notes:	This subject will be available to B.Science students only.
Related Course(s):	Bachelor of Biomedicine Bachelor of Science
Related Majors/Minors/ Specialisations:	Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses