

## PATH20002 Exploring Human Disease - Optometry

<b>Credit Points:</b>	12.50																								
<b>Level:</b>	2 (Undergraduate)																								
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.																								
<b>Time Commitment:</b>	Contact Hours: 24 lectures (2 per week) and 10 hours (5 x 2) of Computer Aided Learning (CAL) sessions. Total Time Commitment: 120 hours (10 hours per week)																								
<b>Prerequisites:</b>	<p>Pre-requisites are:</p> <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> </tbody> </table> <p>and</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>CHEM10004 Chemistry 2</td> <td>January, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>and</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOL10004 Biology of Cells and Organisms</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>and</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOL10005 Genetics &amp; The Evolution of Life</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	CHEM10003 Chemistry 1	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	CHEM10004 Chemistry 2	January, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	BIOL10004 Biology of Cells and Organisms	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50
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<b>Corequisites:</b>	N/A																								
<b>Recommended Background Knowledge:</b>	Chemistry and Biology																								
<b>Non Allowed Subjects:</b>	None																								
<b>Core Participation Requirements:</b>	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>																								
<b>Coordinator:</b>	Dr Margaret Ayers																								
<b>Contact:</b>	<p>Dr John Underwood: <a href="mailto:johnru@unimelb.edu.au">johnru@unimelb.edu.au</a> (<a href="mailto:johnru@unimelb.edu.au">mailto:johnru@unimelb.edu.au</a>)</p> <p>Dr Margaret Ayers: <a href="mailto:m.ayers@unimelb.edu.au">m.ayers@unimelb.edu.au</a> (<a href="mailto:m.ayers@unimelb.edu.au">mailto:m.ayers@unimelb.edu.au</a>)</p> <p>Administrative Coordinator: Mrs Katrina Rush</p>																								

<b>Subject Overview:</b>	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.
<b>Objectives:</b>	By the end of the semester students should: <ul style="list-style-type: none"> <li># understand the basic principles operating during the initiation and development of human disease.</li> <li># understand the language used to accurately describe and ask questions about these processes.</li> </ul>
<b>Assessment:</b>	Hurdle requirements:Hand-in of a 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, towards the end of the semester, worth (30%);A 2 hour written examination in the examination period (70%).
<b>Prescribed Texts:</b>	Kumar V, et al., Robbins Basic Pathology, Saunders Elsevier, latest edition.
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	On completion of this subject, students should have developed the following skills: <ul style="list-style-type: none"> <li># an understanding of terminology used to discuss pathology concepts and questions.</li> <li># an ability to understand and think critically about the relationship between normal and abnormal cellular structure and function.</li> <li># An ability to organise and see the relationship between complex concepts.</li> </ul>
<b>Notes:</b>	This subject will run con-currently with 531-201 Exploring Human Disease - Science. This subject is available to B.Optom. students only.
<b>Related Course(s):</b>	Bachelor of Optometry