

511-121 Introduction to Biomedical Science

Credit Points:	25.000
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 96 hours of lectures. Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p><p>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 may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p> </p>
Coordinator:	Professor Eric Reynolds
Subject Overview:	This subject covers the principles of whole body structure and function, cellular structure and function, the importance of genes, proteins and biological membranes and the homeostatic mechanisms involved at the molecular, cellular and corporate level.
Assessment:	One 2-hour written examination at the end of the semester and three, 30-minute multiple choice question tests during the semester.
Prescribed Texts:	None
Recommended Texts:	<p>Cotran RS, Kumar V and Collins T 1999 <i>Robbins' Pathologic Basis of Disease</i> 6 th ed, Saunders</p> <p>Gelehrter TD, Collins FS and Ginsburg D 1998 <i>Principles of Medical Genetics</i> 2 nd ed, Williams and Wilkins</p> <p>Mims CA <i>et al.</i> 1998 <i>Medical Microbiology</i> 2 nd ed, Mosby</p> <p>Rang HP, Dale MM and Ritter JM 1995 <i>Pharmacology</i> 3 rd ed, Churchill Livingstone</p> <p>Sherwood L 2003 <i>Human Physiology</i>, 5th ed, Thomson Learning</p> <p>Stryer L 1995 <i>Biochemistry</i> 4 th ed, Freeman</p>
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:	<ul style="list-style-type: none"> # Problem solving and decision making skills; # Communication and interpersonal skills; # Experience in program design and implementation;

	<ul style="list-style-type: none"># Evaluation and advocacy;# Planning and time management skills;# Capacity and motivation for continuing independent learning;# Appreciation of, and sensitivity to, cultural diversity;# Leadership skills; and# Respect for intellectual integrity and scientific truth
Links to further information:	http://www.unimelb.edu.au/HB/2008/subjects/511-121.html
Related Course(s):	Bachelor of Dental Science