

ANAT20006 Principles of Human Structure

Credit Points:	12.5									
Level:	2 (Undergraduate)									
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus. An enrolment quota of 425 students per semester applies to this subject. For detailed information on the quota subject application process, refer to the Quota Subject link on the MDHS Student Centre website: http://sc.mdhs.unimelb.edu.au/quota-subjects									
Time Commitment:	Contact Hours: 44 contact hours, three x 1 hour lectures per week, four x 2 hour Practicals Total Time Commitment: 44 Contact hours with an estimated total time commitment of 170 hours (including non-contact time)									
Prerequisites:	<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> <tr> <td>BIOL10005 Genetics & The Evolution of Life</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>or 1st year of the Bachelor of Biomedicine.</p>	Subject	Study Period Commencement:	Credit Points:	BIOL10004 Biology of Cells and Organisms	Semester 1	12.50	BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50
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BIOL10004 Biology of Cells and Organisms	Semester 1	12.50								
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50								
Corequisites:	None									
Recommended Background Knowledge:	None									
Non Allowed Subjects:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOM20002 Human Structure and Function</td> <td>Semester 2</td> <td>25</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	BIOM20002 Human Structure and Function	Semester 2	25			
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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>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>									
Coordinator:	Dr Junhua Xiao									
Contact:	Subject Coordinator Dr Junhua Xiao xiaoj@unimelb.edu.au (mailto:xiaoj@unimelb.edu.au) Administrative Coordination BiomedSci-AcademicServices@unimelb.edu.au (mailto:BiomedSci-AcademicServices@unimelb.edu.au)									
Subject Overview:	By the end of this subject, students should: <ul style="list-style-type: none"> # comprehend the terminology of topographic anatomy; the principles of embryological development and the derivatives of the primary germ layers; the principles related to each 									

	<p>of the following types of anatomical structure: skin, fascia and skeletal muscles, bones and joints, vessels, nerves and viscera; the organisation of the body into regions and the anatomy of the major organ systems.</p> <ul style="list-style-type: none"> # develop observational and organisational skills to identify and interpret exposed anatomical structures and regions; communication skills (written and oral) to describe the normal structure of the human body; and # appreciate the important clinical applications relevant to the body regions and the approaches to imaging the human body
Learning Outcomes:	<p>We expect that a student who completes this subjects should comprehend the terminology of human topographic and developmental anatomy; the principles relating to each type of anatomical structure (skin, fascia and skeletal muscle, bones and joints, vessels and nerves, visceral structures); the essential factual information regarding the specific anatomical structures forming the body's major organ systems (musculoskeletal, nervous, cardiorespiratory, digestive, genitourinary); the boundaries and contents of clinically important regions; the appearance of normal anatomical structures via modern imaging techniques.</p>
Assessment:	<p>Mid-semester test 1 approximately at the end of week 4 (15%) Mid-semester test 2 approximately at the end of week 9 (15%) 8 intra-semester on-line quizzes each worth 1.25% (total 10%) Written exam at the end of semester during the examination period (60%)</p>
Prescribed Texts:	<p>Eizenberg N, Briggs C et al: General Anatomy: Principles & Applications, McGraw-Hill 2007</p>
Recommended Texts:	<p>Drake RL et al: Gray's Anatomy for Students, Elsevier, 2010</p>
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2016/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2016/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS) <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	<p>Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees</p>
Generic Skills:	<ul style="list-style-type: none"> # Capacity for independent study, rational enquiry and self-directed learning # Ability to analyse problems # Oral and written communication skills # Time management skills # Teamwork in interpretation and analysis of new information
Notes:	<p>This subject is not available to Bachelor of Biomedicine students.</p> <p>This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course.</p> <p>Students undertaking this subject will be expected to regularly access an Internet-enabled computer.</p>
Related Majors/Minors/Specialisations:	<p>Science-credited subjects - new generation B-SCI and B-ENG.</p>