

# 516-210 Principles of Human Structure

<b>Credit Points:</b>	12.50
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 48 contact hours, three x 1 hour lectures per week, three x 2 hour Practicals plus six x 1 hour CAL laboratories in total Total Time Commitment: 48 Contact hours with an estimated total time commitment of 120 hours (including non-contact time)
<b>Prerequisites:</b>	2 semesters Biology at 1st year or 1st year of the Biomedicine course
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	BIOM20002 Integrated Human Structure & Function
<b>Core Participation Requirements:</b>	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.
<b>Coordinator:</b>	Dr Chris Briggs
<b>Contact:</b>	Assoc. Prof. Chris Briggs <a href="mailto:c.briggs@unimelb.edu.au">c.briggs@unimelb.edu.au</a> ( <a href="mailto:c.briggs@unimelb.edu.au">mailto:c.briggs@unimelb.edu.au</a> )
<b>Subject Overview:</b>	By the end of this subject, students should: <ul style="list-style-type: none"> <li># comprehend the terminology of topographic anatomy; the principles of embryological development and the derivatives of the primary germ layers; the principles related to each 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.</li> <li># 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</li> <li># appreciate the important clinical applications relevant to the body regions and the approaches to imaging the human body</li> </ul>
<b>Objectives:</b>	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.
<b>Assessment:</b>	On-going assessment on theory and practical work throughout the semester (20%); a 2-hour written theory examination in the examination period (50%); a 40 minute practical examination in the examination period (30%) + on-going formative assessments
<b>Prescribed Texts:</b>	Eizenberg N, Briggs C et al: General Anatomy: Principles & Applications McGraw-Hill 2007
<b>Recommended Texts:</b>	Moore KL and Dalley AF: Clinically Orientated Anatomy Lippincott Williams & Wilkins (5th ed or later) 2006
<b>Breadth Options:</b>	This subject potentially can be taken as a breadth subject component for the following courses:

	<p># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2009/D09">https://handbook.unimelb.edu.au/view/2009/D09</a>)</p> <p># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2009/F04">https://handbook.unimelb.edu.au/view/2009/F04</a>)</p> <p># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2009/A04">https://handbook.unimelb.edu.au/view/2009/A04</a>)</p> <p># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2009/M05">https://handbook.unimelb.edu.au/view/2009/M05</a>)</p> <p>You should visit <b>learn more about breadth subjects</b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a>) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<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>	<ul style="list-style-type: none"> <li># Capacity for independent study, rational enquiry and self-directed learning</li> <li># Ability to analyse problems</li> <li># Oral and written communication skills</li> <li># Time management skills</li> <li># Teamwork in interpretation and analysis of new information</li> </ul>
<b>Notes:</b>	<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>