

ANAT20006 Principles of Human Structure

| Credit Points: | 12.50 | | | | | | |
|--|---|----------------|----------------------------|----------------|--|------------|----|
| Level: | 2 (Undergraduate) | | | | | | |
| Dates & Locations: | 2012, 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 (under Advice and Support) on the MDHS Student Centre website: http://sc.mdhs.unimelb.edu.au/ | | | | | | |
| 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 120 hours (including non-contact time) | | | | | | |
| Prerequisites: | 2 semesters Biology at 1st year or 1st year of the Bachelor of Biomedicine. | | | | | | |
| Corequisites: | None | | | | | | |
| Recommended Background Knowledge: | None | | | | | | |
| Non Allowed Subjects: | Non allowed subject: <table border="1" data-bbox="389 969 1485 1117"> <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 |
| Subject | Study Period Commencement: | Credit Points: | | | | | |
| BIOM20002 Human Structure and Function | Semester 2 | 25 | | | | | |
| 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 Jason Ivanusic, Dr Varsha Pilbrow | | | | | | |
| Contact: | Academic Coordinator (Semester 1) Dr Varsha Pilbrow vpilbrow@unimelb.edu.au (mailto:vpilbrow@unimelb.edu.au) Academic Coordinator (Semester 2) Dr Jason Ivanusic j.ivanusic@unimelb.edu.au (mailto:j.ivanusic@unimelb.edu.au) Administrative Coordinator Ms Kim Williams 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 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. | | | | | | |

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| | <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 |
| Objectives: | 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. |
| Assessment: | Mid-semester test 1 approximately at the end of week 4 (15%) Mid-semester test 2 approximately at the end of week 9 (15%) On-going on-line ADSL quizzes (10%) Written exam at the end of semester during the examination period (60%) |
| Prescribed Texts: | Eizenberg N, Briggs C et al: General Anatomy: Principles & Applications, McGraw-Hill 2007 |
| Recommended Texts: | Drake RL et al: Gray's Anatomy for Students, Elsevier, 2010 |
| 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/2012/B-ARTS) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/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: | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees |
| 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 Course(s): | Bachelor of Biomedicine |
| Related Majors/Minors/Specialisations: | Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED. |
| Related Breadth Track(s): | Neuroscience |