



SUBJECT TITLE: Human Anatomy I
SUBJECT CODE: BMED11-222 and BMED71-222
FACULTY WEBSITE: www.bond.edu.au/hsm

SUBJECT INFORMATION

Year of Offer: 2009 Semester of Offer: September
Degree Course(s) for which the Subject is designed: BMED
Status of Subject within the Degree Course:
Subject Prerequisite(s): NONE
Subject Convenor: K BEDI

Room: 4.11
Email: kbedi@bond.edu.au
Telephone: 55955434
Formal Student Consultation Time: 9am-5pm weekdays
Formal Student Consultation Time:

Teaching Details:
Lecture/ Tutorials: Lectures/tutorials and practical classes

Student Relations Officer

Christine Kira
Room: 1.11
Email: ckira@bond.edu.au
Telephone: 07 5595 4133
Fax: 07 5595 4122

DESCRIPTION OF SUBJECT

Purpose: To provide an introduction to the anatomy of the human body with particular emphasis in relating structure to function so that concepts can be related to applied anatomy. This is an essential and central component of any degree in Human Anatomy.

The lectures will give an overview of the material covered in the required texts, and will elaborate on the most important issues.

The practical classes allow the students to develop a better understanding of the topics covered in the lectures and their applications in practice.

For most weeks the practical classes are organised as 2hours session. They will include:

1. *Mass demonstration.* The lecturer will demonstrate a selection of demonstration activities given in the Practical Supplement.
2. *Practical.* Students will work in small groups working on a selection of the practical activities described in the Practical Supplement. Demonstrators should only be consulted when a genuine effort on the part of the group has failed to achieve an answer.
3. *Surface anatomy tutorials.* Students will work in small groups in order to examine important surface landmarks used to examine the living human body. Students should come prepared to strip down to their swim wear for these tutorials.

Detailed Syllabus: The major systems (Osteology, muscles and nerves) of the body will be examined so that normal anatomical relationships between them can be understood. The knowledge and concepts gained will then be used to understand the importance of these relationships from an applied anatomical point of view.

SUBJECT LEARNING OUTCOMES

Learning Outcome	How is it assessed?
Understand anatomical relationships between the major body systems examined	Practical (Spotter)Exams End of Semester Exam
Be able to identify major anatomical features of each body system examined and understand their function.	Practical (Spotter)Exams End of Semester Exam
Demonstrate a knowledge of normal anatomy and be able to apply knowledge to applied clinical situations in particular regard to the musculoskeletal and peripheral nervous systems	Practical (Spotter)Exams End of Semester Exam
Be able to identify common surface	Practical (Spotter)Exams

landmarks related to the bones and muscles found in the human body	
Have a basic understanding of some anatomical imaging techniques and be able to identify common anatomical features on X-ray film, in particular regard to skeletal features.	Practical (Spotter) Exams
Describe the body and its functions using correct anatomical terminology in order to communicate with other health professionals.	Practical (Spotter) Exams End of Semester Exam
Appreciate the subtle differences between individuals by examining dissections from different cadavers.	
Begin to learn the processes used to examine the human body in the living person.	

DEVELOPMENT OF BOND UNIVERSITY GRADUATES ATTRIBUTES

The Bond University Graduate Attributes are:

- Knowledge and Critical Thinking
- Leadership, Initiative and Teamwork
- Communication Skills
- Responsibility

These attributes have been developed in more depth in the Faculty of Health Sciences and Medicine. In this subject, the Graduate Attributes that will be developed are:

Bond Graduate Attribute	Relevant subject learning outcomes	Activities in which these are developed, practised & assessed
<p>Knowledge and Critical Thinking</p> <p>Graduates have acquired a sound knowledge of their discipline and the ability to critically evaluate, manage, reflect on, integrate and apply it.</p>	<p>Demonstrate an understanding of anatomical structure and function of each body system examined (musculoskeletal and peripheral nervous systems.)</p> <p>Demonstrate an understanding of the anatomical relationships between the major systems examined.</p> <p>Demonstrate a knowledge of normal anatomy of the major systems, and an appreciation of some applied anatomy/pathology.</p> <p>Identify relevant surface anatomy landmarks and understand how they apply to underlying structures.</p> <p>Use deductive reasoning to determine possible functional loss due to damage of various structures (<i>structure = function</i>)</p> <p>Have the ability to communicate with health professionals using correct anatomical terminology and a knowledge of some basic clinical applications (surface anatomy).</p>	<p>Mid and end of semester written and spotter exams</p>
<p>Leadership, Initiative and Teamwork</p> <p>Graduates have the skills and initiative to contribute to their discipline or profession as an effective leader and as a member of collaborative, cooperative and successful teams</p>	<p>Ability to work independently or in groups during practical classes to reinforce anatomical knowledge gained from lectures and textbooks</p>	<p>Laboratory sessions and/or laboratory tutorials</p>

<p>Communication Skills</p> <p>Graduates have the skills to communicate effectively with their profession, their peers and the wider community</p>	<p>Have highly developed oral and written communication skills.</p> <p>Be able to communicate anatomical knowledge in an oral fashion during interactive tutorials</p>	<p>Laboratory sessions and/or laboratory tutorials.</p> <p>Written exams</p>
<p>Responsibility</p> <p>Graduates are aware of the standards, ethics and values of their discipline in both the local and global context</p>	<p>Understanding of the ethical treatment of cadavers and human body parts in the laboratory. Learn about the body donor program and the ethics to be used in obtaining such bequests.</p> <p>Have an appreciation of and respect for cultural diversity</p> <p>Understand the history and cultural diversity of body donor programs in different parts of the world</p>	<p>Lectures, tutorials and practical sessions</p>

Details of how this subject's attributes fit into the Graduate Attribute map for the subject are available on the Blackboard site for this subject.

STUDENT LEARNING RESPONSIBILITIES

Students are expected to take a significant level of responsibility for their own learning. Students are expected to “read around” the topic, consult a variety of other learning materials, rather than relying on the power point slides that are occasioned by each lecture. Students are encouraged throughout the subject to take the initiative to identify, apply and integrate material from other subjects and other sources to the present subject.

ASSESSMENT FOR THE SUBJECT

All assessment in the Faculty of Health Sciences and Medicine is criterion referenced rather than norm-referenced. That is, for all assessment students will be graded against pre-determined criteria. Marking criteria for all assignments will be made available to students early on in the semester.

Each item of assessment that is submitted for marking must have the Faculty of Health Sciences and Medicine Assignment coversheet with all relevant sections completed. The submitted material with the Faculty of Health Sciences and Medicine Assignment coversheet must be handed into Reception (Level 1, Faculty of Health Sciences and Medicine building) by the due date and time. A receipt of submission of the submitted assignment will be provided.

Overview of Assessment

Mid semester

One formative mid-semester practical exam ('spotter type") will be held in week 5

One summative mid-semester practical exam ('spotter type") worth 25% of final mark will be held in week 9.

End of Semester

One hour written (MCQ and short note questions) exam worth 45% of final mark.

AND

practical exam ("spotter" type) worth 30% of final mark.

The allocation of the final grade based upon percentages obtained by the student for all assessment items, will be according to Faculty of Health Sciences and Medicine

Assessment Policy (<http://www.bond.edu.au/hsm/Policies.htm>). The allocation of special and deferred examinations will be determined by Faculty Examinations Board.

TEXTBOOKS AND OTHER LEARNING MATERIAL FOR THE SUBJECT

Required

Clinically Orientated Anatomy: **K. L. Moore**
and

A Colour Atlas of Human Anatomy: **McMinn and Hutchings**. (or something similar)

GENERAL ADMINISTRATION, GUIDELINES AND POLICY FOR THE SUBJECT

(i) Medical Certificates, Special Consideration and Deferred Assessments:

Students must read the information on the Bond University web page about deferred examinations (<http://www.bond.edu.au/students/manage/handbook/index.html> - see Part 2 Academic Regulations). The Dean of the subject Faculty may allow a candidate to sit for a deferred examination, subject to the provisions relating to special consideration, where a candidate can demonstrate genuine inability to sit a normal, set examination, either through illness or through other causes beyond their control. Students are required to apply for a deferred examination with supporting documentation, within 48 hours following the examination.

(ii) Plagiarism

Your attention is drawn to the Bond University policy on Academic Misconduct (<http://www.bond.edu.au/students/manage/handbook/index.html> - see Part 3 Discipline Regulations). Students are requested to read this document which clearly spells out which behaviours constitute academic misconduct. Plagiarism is one type of Academic Misconduct.

(iii) Communication Processes

- Students are encouraged to contact the Subject Convenor in person if they have any immediate queries about the subject. Contacting the Subject Convenor via email may result in a slower response.
- The Subject Convenor will be available for consultation. The specific days and times will be finalised at the first lecture in consultation with the students, to ensure no timetable clashes.
- It is the responsibility of the student to be familiar with the subject outline and all other handouts related to the subject.
- Attendance at tutorials and practical/laboratory sessions is required and will be monitored.

(iv) Email Policy

The Subject Convenor will attempt to reply to emails in a timely fashion, however, the Subject Convenor cannot undertake to answer all emails from students. A response to an email may be delayed or an email may not be answered at all by the Subject Convenor if the email is deemed to be trivial (i.e. answerable by the student

themselves with a little effort). For a rapid response, particularly to an urgent query, speak to the Subject Convenor after lectures/tutorials or make an appointment to see the Subject Convenor either within the weekly-allocated consultation time period or a time that is mutually agreeable to both parties.

Grading Scale

Grade	Description	Mark Percentile Range
HD	High Distinction	85-100%
D	Distinction	75-84%
C	Credit	65-74%
P	Pass	50-64%
F	Fail	0 – 49%

Disclosure

- The subject BMED11-222/71-222 has been structured to provide the highest quality student learning experiences within the constraints of available resources.