CHIR12004 *Neuromusculoskeletal Anatomy 1*
Term 1 - 2019

Profile information current as at 01/05/2024 06:51 am

General Information

Overview
This unit builds on the basic anatomy taught in Human Body Systems 1 and 2. You will further develop your knowledge of anatomy and physiology, which will include studies in gross anatomy, embryology and histology, clinical and living anatomy. You will integrate this, where appropriate, with other basic sciences. An emphasis will be placed on clinical anatomy of the limbs and trunk.

Details
Career Level: *Undergraduate*
Unit Level: *Level 2*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites
Pre-requisites: BMSC11001 Human Body Systems 1 & BMSC11002 Human Body Systems 2
Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the Assessment Policy and Procedure (Higher Education Coursework).

Offerings For Term 1 - 2019

- Brisbane
- Mackay
- Melbourne
- Sydney

Attendance Requirements
All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website
This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

Regional Campuses
Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses
Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Online Quiz(zes)**
Weighting: 15%
2. **Practical Assessment**
Weighting: 35%
3. **Examination**
Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the University's Grades and Results Policy for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the CQUniversity Policy site.
You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the CQUniversity Policy site.

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Have your say report.

Feedback

If the recorded lectures were split into smaller videos rather than one big one for the whole week that would make it a bit easier to watch each week

Recommendation

The Lectures will begin to be re-recorded into smaller recordings. Student's can note the video 'time' (in minutes / seconds) that student viewing takes place and can return to that time ... portion of the Lecture

Feedback from Have your say report.

Feedback

The lectures are great and informative. However, they're difficult at time to follow when the lecturer scrolls through slides rapidly back and forwards. Ideally lectures done only on each topic rather than one extremely lengthy one.

Recommendation

Lectures will begin to be re-recorded in smaller topical sessions.

Feedback from Have your say report.

Feedback

Possibly consider breaking the lectures up and possibly more text book references to use as a study guide

Recommendation

Lecturer will refer more specifically to Chapters and pages of the textbook.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Explain the embryologic processes that underpin anatomy, neuroanatomy and physiology of the human body.
2. Describe the osteology, arthrology, myology, arterial supply, venous and lymphatic drainage and innervation of the limbs and trunk.
3. Identify on bones, models, images and the living subject, the structures forming the limbs and trunk.
4. Describe the actions of the muscles, individually and collectively, of the limbs and trunk.
5. Apply your knowledge of anatomy, neuroanatomy and physiology to clinical case studies.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

— N/A Level • Introductory Level • Intermediate Level • Graduate Level ◦ Professional Level ◦ Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 15%	•	•		•	•
2 - Practical Assessment - 35%			•	•	

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
3 - Examination - 50%	•	•		•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•	•	•	•	•
2 - Problem Solving				•	•
3 - Critical Thinking					
4 - Information Literacy	•	•	•	•	•
5 - Team Work					
6 - Information Technology Competence					
7 - Cross Cultural Competence					
8 - Ethical practice					
9 - Social Innovation					
10 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 15%	•	•		•		•				
2 - Practical Assessment - 35%	•	•		•						
3 - Examination - 50%	•	•		•						

Textbooks and Resources

Textbooks

CHIR12004

Prescribed

Clinically Oriented Anatomy
Edition: 8th (2017)
Authors: Keith L. Moore (Author), Arthur F. Dalley II (Author), Anne M. R. Agur (Author)
LWW
Philadelphia , PA , USA
ISBN: ISBN-13: 978-1496347213
Binding: Paperback

Additional Textbook Information
Copies can be purchased from the CQUni Bookshop here: http://bookshop.cqu.edu.au (search on the Unit code)

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Draw it to know it (available through library website)

Referencing Style

All submissions for this unit must use the referencing style: American Psychological Association 6th Edition (APA 6th edition)
For further information, see the Assessment Tasks.

Teaching Contacts

Dean Innis Unit Coordinator
d.innis@cqu.edu.au
Alannah Van Waveren Unit Coordinator
a.vanwaveren@cqu.edu.au

Schedule

Week 1 - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Overview / Review	• Moore: Introduction Chapter (pgs 1-57) PLUS • Rohen: Chapter 1 NB: pgs differ depending on Text Book edition	

Week 2 - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic

Shoulder - Osteology, Arthrology, Myology, Surface anatomy and Axilla	• Moore Chapter 6 (pgs 670 - 812) PLUS • Rohen: Chapter 7 NB: pgs differ depending on Text Book edition	

Week 3 - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Elbow - Osteology, Arthrology, Myology, Surface Anatomy and Cubital Fossa	• Moore: Chapter 6 (pgs 670 - 812) PLUS: • Rohen: Chapter 7 NB: pgs differ depending on Text Book edition	

Week 4 - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Wrist and Hand - Osteology, Arthrology, Myology, Surface Anatomy and Carpal Tunnel	• Moore: Chapter 6 (pgs726 - 873) PLUS: • Rohen: Chapter 7 NB: pgs differ depending on Text Book edition	

Week 5 - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Neurovascular structures of the Upper Limb	• Moore: Chapter 6 (pgs670 - 812) PLUS: • Rohen: Chapter 7 NB: pgs differ depending on Text Book edition	

Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
		NB: Quiz 1 will be due the week after the Mid-term break. (Material assessed is Weeks 1-5) Quiz Open 22nd April 6am Quiz Closes 28th April 11:59pm This Quiz is worth 5% of your overall Grade

Week 6 - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Hip - Osteology, Arthrology, Myology, Surface Anatomy and Femoral Triangle	• Moore: Chapter 5 (pgs 508 - 656) PLUS: • Rohen: Chapter 8 NB: pgs differ depending on Text Book edition	NB: Quiz 1 will be due the week after the Mid-term break. (Material assessed is Weeks 1-5) Quiz Open 22nd April 6am Quiz Closes 28th April 11:59pm This Quiz is worth 5% of your overall Grade

Week 7 - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Knee - Osteology, Arthrology, Myology, Surface Anatomy and Popliteal Fossa	• Moore: Chapter 5 (pgs 508 - 656) PLUS: • Rohen: Chapter 8 NB: pgs differ depending on Text Book edition	

Week 8 - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic

Ankle and foot - Osteology, Arthrology, Myology, Surface Anatomy and Transitional Area(s)	• Moore: Chapter 5 (pgs 508- 656) PLUS: • Rohen: Chapter 8 NB: pgs differ depending on Text Book edition	

Week 9 - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Neurovascular structures of the Lower Limb	• Moore: Chapter 5 (pgs 508 - 656) PLUS: • Rohen: Chapter 8 NB: pgs differ depending on Text Book edition	

Week 10 - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Trunk Wall and Embryology	• Moore: Chapter 1 (pgs 71 - 171) & Chapter 2 (181 - 321) PLUS: • Rohen: Chapter 3 NB: pgs differ depending on Text Book edition	NB: Quiz 2 (Material assessed Weeks 6-9) Quiz Open 20th May 6am Quiz Closes 26h may 11:59pm This Quiz is worth 5% of your overall Grade

Week 11 - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Trunk wall and Embryology	• Moore: Chapter 1 (pgs 71 - 171) & 2 (181 - 321) PLUS: • Rohen: Chapter 3 NB: pgs differ depending on Text Book edition	

Week 12 - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
Revision	Revision	NB: Quiz 3 (Material assessed Weeks10-12) Quiz Open 3rd June 6am Quiz Closes 9th June 11:59pm This Quiz is worth 5% of your overall Grade **Online Practical Assessment Due**: Week 12 Details will be provided around specific day, time and room. TBC

Review/Exam Week - 10 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Online Quizzes

Assessment Type
Online Quiz(zes)

Task Description
There will be three online quizzes administered via Moodle. Each will be available for approximately 1 week. There will be no extension due to unforeseen technical problems or Internet connectivity, so please do not leave it to to the end of

the week to do it. Each online quiz will be based on the material covered in lectures, tutorials and practical classes in the weeks as outlined below. Students will be allowed one attempt only for each online quiz, which must be completed within the allotted time.

- **Online Quiz 1** covers anatomy of the upper limb (i.e. material form Weeks 1-5) and is worth 5%
- **Online Quiz 2** covers anatomy of the lower limb (i.e. material form Weeks 6-9) and is worth 5%
- **Online Quiz 3** covers anatomy of the trunk wall (i.e. material form Weeks 10-12) and is worth 5%

Number of Quizzes
3

Frequency of Quizzes
Other

Assessment Due Date

Quiz 1 due by 28 April 11:59pm; Quiz 2 by 26 May 11:59pm and Quiz 3 by 9 June 11:59pm (see details in Unit Profile)

Return Date to Students

Results for each online quiz will be released immediately after their respective due dates.

Weighting
15%

Minimum mark or grade
50%

Assessment Criteria
As each question in the quizzes are objective in style (e.g. multiple choice), answers will be automatically marked as either correct or incorrect. Some questions will require you to demonstrate a knowledge of facts, while others will require the use of interpretive or analytical skills.

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

Submission Instructions
Online

Learning Outcomes Assessed

- Explain the embryologic processes that underpin anatomy, neuroanatomy and physiology of the human body.
- Describe the osteology, arthrology, myology, arterial supply, venous and lymphatic drainage and innervation of the limbs and trunk.
- Describe the actions of the muscles, individually and collectively, of the limbs and trunk.
- Apply your knowledge of anatomy, neuroanatomy and physiology to clinical case studies.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence

2 Online Practical Assessment

Assessment Type
Practical Assessment

Task Description
This will be based on the material covered in lectures, practical classes, quizzes and any assigned homework from Weeks 1-12. Students will be required to identify anatomical structures on labelled (eg: 1,2,a,b,C,,D) online images / models and answer brief theoretical questions regarding the identified anatomical structures. This exam is completely online.

More details will be available on this subject's Moodle site.

Assessment Due Date

The test will be conducted during your designated practical class in week 12.

Return Date to Students

Marks will be available within 1 week of the exam.

Weighting
35%

Minimum mark or grade
50%

Assessment Criteria
Marks will be allocated based on:
1. Accuracy of the answer

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

Submission Instructions
The test will be conducted in class time.

Learning Outcomes Assessed

- Identify on bones, models, images and the living subject, the structures forming the limbs and trunk.
- Describe the actions of the muscles, individually and collectively, of the limbs and trunk.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

Examination

Outline
Complete an invigilated examination.

Date
During the examination period at a CQUniversity examination centre.

Weighting
50%

Length
120 minutes

Minimum mark or grade
45%

Exam Conditions
Closed Book.

Materials
Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the **Student Academic Integrity Policy and Procedure**. This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?
A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?
A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?
For academic advice and guidance, the Academic Learning Centre (ALC) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?

Be Honest
If your assessment task is done by someone else, it would be dishonest of you to claim it as your own

Seek Help
If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)

Produce Original Work
Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem