



CHIR12008 *Neuromusculoskeletal Anatomy 2*

Term 2 - 2019

Profile information current as at 15/05/2024 07:00 pm

All details in this unit profile for CHIR12008 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit builds on the anatomy taught in Human Body Systems 1 and 2, as well as Neuromusculoskeletal Anatomy 1. 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. The focus for this unit is neuroanatomy and the anatomy of the head and neck region.

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

Prerequisites BMSC11001 Human Body Systems 1 and 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 2 - 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 Evaluations - anonymous

Feedback

Desire to participate in wet labs and possibly dissections.

Recommendation

This was a very strong recommendation within the student evaluation commentary. The unit coordinator will see what can be done in relation to Wet labs and dissections.

Feedback from Evaluations - anonymous

Feedback

A desire for more Anatomical Models, continue to update lecturers and condense and revise the level of content

Recommendation

The unit coordinator will continue to seek University budget and support for more anatomical models. This will enhance the practical exams. Lectures are revised and updated on an ongoing bases.

Feedback from Evaluations - anonymous

Feedback

A recommendation was suggested, to speed up lecture videos so they can speed watch when needed.

Recommendation

The unit coordinator will review the platform in which lectures are recorded and see if a recording that can be viewed at an accelerated pace is possible.

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 head and neck region.
3. Describe the structure, function and integration of components within the central and peripheral nervous system.
4. Identify, where appropriate, using bones, models, images and/or the living subject, the structures forming the nervous system and the head and neck region.
5. Apply your knowledge of anatomy, neuroanatomy and physiology to clinical case studies.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



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

CHIR12008

Prescribed

Anatomy : A Photographic Atlas

Edition: 8th edn (2015)

Authors: Rohen , Johannes W, MD

Wolters Kluwer

Philadelphia , PA , USA

ISBN: 9781451193183

Binding: Paperback

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Prescribed

Clinically Oriented Anatomy

Edition: 8th (2016)

Authors: Moore and Daley

LWW

Sydney , NSW , Australia

Binding: Paperback

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Supplementary

Functional Anatomy: Musculoskeletal Anatomy, Kinesiology, and Palpation for Manual Therapists (2011)

Authors: Cael, Christy

Lippincott Williams & Wilkins

Sydney , Queensland , Australia

ISBN: 9781451127911

Binding: Paperback

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Supplementary

McMinn & Abrahams' Clinical Atlas of Human Anatomy

Edition: 7th edn

Authors: Abrahams et al

Elsevier

Philadelphia , PA , USA

ISBN: 9780723436973

Binding: Paperback

Additional Textbook Information

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

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

Dawn Dane Unit Coordinator

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Schedule

Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Introduction to unit. Osteology and arthrology of head and neck	Chapter Relevant pages from Chapters 7 & 8 (Moore's)	

Week 2 - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Myology of head and neck	Chapter Relevant pages from Chapters 7 & 8 (Moore's)	

Week 3 - 29 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic 1. Meninges 2. Vascular features of the head and neck. a. Arterial supply b. Venous drainage c. Lymphatic drainage	Chapter Relevant pages from Chapters 7 & 8 (Moore's)	

Week 4 - 05 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Review of the nervous system	Please refer to the Lecture slides and Zoom recordings.	Quiz 1 opens 6:00am 5th Aug 2019 and closes 11:59pm 11th August 2019

Week 5 - 12 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Sensory and motor pathways	Please refer to the Lecture slides and Zoom recordings.	

Vacation Week - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Nerve supply of head and neck 1	Chapter Relevant pages from Chapters 7, 8 & 9 (Moore's)	

Week 7 - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Nerve supply of head and neck 2	Chapter Relevant pages from Chapters 7, 8 & 9 (Moore's)	

Week 8 - 09 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Nasal cavity & Paranasal sinuses Oral cavity, tongue and palate Pharynx, Larynx & Thyroid gland	Chapter Relevant pages from Chapters 7 & 8 (Moore's)	Quiz 2 opens 6:00am 9th September 2019 and closes 11:59pm 15th September 2019

Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Eye and vision Ear, hearing and equilibrium	Chapter Relevant pages from Chapter 7 (Moore's)	

Week 10 - 23 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic The anatomy and physiology of pain	Please refer to both the Lecture slides and Zoom recordings.	Quiz 3 opens 6:00am 23rd September 2019 (Mon) and closes 11:59pm 29th September 2019 (Sun)

Week 11 - 30 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Revision Week		

Week 12 - 07 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Module/Topic Practical Exam - Day (date and time) TBC		Practical Exam - Day (date and time) TBC

Review/Exam Week - 14 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 21 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Online Quiz(zes)

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 the end of the time period 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** (opens - start of Week 4) covers osteology, arthrology, myology, meninges and vascular features of the head and neck (i.e. material from Weeks 1-3) and is worth 5%
- **Online Quiz 2** (opens - start of Week 8) covers nervous system and innervation of the head and neck (i.e. material from Weeks 4-7) and is worth 5%
- **Online Quiz 3** (opens - start of Week 10) covers the remainder of the unit content (material from Weeks 8-10) and is worth 5%

Number of Quizzes

3

Frequency of Quizzes

Other

Assessment Due Date

Online quiz 1 is due by August 11th, 11:59pm; Quiz 2 by 15th September, 11:59pm and Quiz 3 by 29th September, 11:59pm

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 or correct answer), answers will be automatically marked as either correct or incorrect or graded post assessment. 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

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 head and neck region.
- Describe the structure, function and integration of components within the central and peripheral nervous system.
- Apply your knowledge of anatomy, neuroanatomy and physiology to clinical case studies.

Graduate Attributes

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

2 Practical Assessment

Assessment Type

Practical Assessment

Task Description

This will be based on the material covered in lectures, practical classes and assigned homework (see Workbook) from Weeks 1-11. Students will be required to identify anatomical structures on pictures of models and anatomical images, and answer brief theoretical questions regarding the identified anatomical structures. This Practical Assessment will be available for completion, online. A time and day in Week 12 (a time and day that may differ from your regular Anatomy Practical day and time).

The online assessment will take approximately one hour.

Students will rotate through a number of stations.

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

Assessment Due Date

Week 12 on a day and time (TBA) to be announced.

Return Date to Students

After the examination period. Raw grades may be released for a short period prior to the final overall grade for the unit.

Weighting

35%

Minimum mark or grade

50%

Assessment Criteria

Marks will be allocated based on:

1. Accuracy of the answer
2. Specificity of the answer
3. Spelling accuracy (within reason):

Either Australian, UK or USA spelling will be acceptable. If spelling is not completely correct, but is phonetically correct, you will receive 75% of the allocated mark for that question.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Identify, where appropriate, using bones, models, images and/or the living subject, the structures forming the nervous system and the head and neck region.

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