



# CHIR12008 *Neuromusculoskeletal Anatomy 2*

## Term 2 - 2018

Profile information current as at 14/05/2024 07:38 am

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 - 2018

- 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 Student

##### **Feedback**

Lectures are ideally completed, recorded the week before the relevant Practical

##### **Recommendation**

In future terms the Lectures will be staggered in a way that Material covered in the Practical is taught during Lecture during the previous week. (during 2017, Lecture material relevant to the Prac Material was taught in the same week)

#### Feedback from Student

##### **Feedback**

Great moodle page, easy and stress-free to navigate - a bonus around exam period!

##### **Recommendation**

Continue to present uncomplicated information to the students in any communication including that which is provided for the student in Moodle.

#### Feedback from Student

##### **Feedback**

"- Weekly slides and content was very well organised - The slides were very easy to follow and easy to navigate through to find specific content - Very quick response to any questions - Exam covered the content we learnt with no surprises"

##### **Recommendation**

The Unit Coordinator will continue to promptly serve the students needs and concerns and communicate regularly, precisely and relevantly.

#### Feedback from Student

##### **Feedback**

The tutors in the weekly practical sessions were very helpful in my studies throughout this term. Also Dean's prompt response on my queries were supportive.

##### **Recommendation**

The Unit Coordinator is committed to employing experienced, knowledgeable and helpful staff. The tutors are crucial as they are the student's face to face contact 'on the ground' so to speak.

#### Feedback from Studnet

##### **Feedback**

The lectures were a bit boring, I suppose anatomy is a hard subject to make entertaining but maybe do something hands on so we can try and learn that way? Not sure.

##### **Recommendation**

Recorded Lectures are being reviewed and re-copied to improve on the delivery.

## 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

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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### 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%				•	
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%	•	•		•						

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
<b>3 - Examination - 50%</b>	•	•		•						

## Textbooks and Resources

### Textbooks

CHIR12008

#### Prescribed

##### **Anatomy, A Photographic Atlas**

Edition: 8th (or later) (2015 (or later))

Authors: Rohen, Yokochi & Lütjen-Drecoll

Lippincott, Williams & Wilkins

Philadelphia , PA , USA

ISBN: ISBN 978-1451193183

Binding: Hardcover

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#### Prescribed

##### **Clinically Oriented Anatomy 7th (2013)**

Edition: 8th (or later) (2013 (or later))

Authors: Moore, Agur & Dalley

Lippincott, Williams & Wilkins

Philadelphia , PA , USA

ISBN: 9781496347213

Binding: Paperback

#### Additional Textbook Information

These are the same texts used for CHIR12004. Only students who have not purchased them already need to buy them.

### 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

**Dean Innis** Unit Coordinator

[d.innis@cqu.edu.au](mailto:d.innis@cqu.edu.au)

## Schedule

**Week 1 - 09 Jul 2018**

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

#### Week 2 - 16 Jul 2018

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

#### Week 3 - 23 Jul 2018

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

#### Week 4 - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
<b>Module/Topic</b> Review of the nervous system	Please refer to the Lecture slides and Zoom recordings.	Quiz 1 opens 6:00am 30th July 2018 and closes 11:59pm 5th August 2018

#### Week 5 - 06 Aug 2018

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

#### Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - 20 Aug 2018

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

#### Week 7 - 27 Aug 2018

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

#### Week 8 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
<b>Module/Topic</b> Nasal cavity & Paranasal sinuses Oral cavity, tongue and palate Pharynx, Larynx & Thyroid gland	<b>Chapter</b> Relevant pages from Chapters 7 & 8 (Moore's)	Quiz 2 opens 6:00am 3rd September 2018 and closes 11:59pm 9th September 2018

#### Week 9 - 10 Sep 2018

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

#### Week 10 - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
<b>Module/Topic</b> The anatomy and physiology of pain	Please refer to both the Lecture slides and Zoom recordings.	Quiz 3 opens 6:00am 17th September 2018 (Mon) and closes 11:59pm 23rd September 2018 (Sun)
<b>Week 11 - 24 Sep 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
<b>Module/Topic</b> Revision		
<b>Week 12 - 01 Oct 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
<b>Module/Topic</b> Practical Exam		
<b>Review/Exam Week - 08 Oct 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
<b>Exam Week - 15 Oct 2018</b>		
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 5th, 11:59pm; Quiz 2 by 9th September, 11:59pm and Quiz 3 by 17th 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), 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

**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 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). T

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