



# CHIR12008 Neuromusculoskeletal Anatomy 2

## Term 2 - 2020

Profile information current as at 20/04/2024 03:10 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 - 2020

- Brisbane
- Mackay
- 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. **Online Test**

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

##### Feedback

Students enjoyed the practical component of the unit. They found the on-campus tutors supportive and knowledgeable.

##### Recommendation

It is recommended that on-campus tutors are encouraged to continue to provide a supportive environment.

#### Feedback from Have Your Say

##### Feedback

Students would like to see shorter more engaging lectures.

##### Recommendation

It is recommended that shorter chunked and more engaging lectures are developed.

## 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% |                   |   |   | • |   |
| 3 - Online Test - 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 - Online Test - 50%          | •                   | • |   | • |   |   |   |   |   |    |

## Textbooks and Resources

### Textbooks

CHIR12008

#### Prescribed

##### **Clinically Orientated Anatomy**

8th Edition (2017)

Authors: Keith L. Moore, Arthur F. Dalley II

Wolter Klower

Philadelphia , PA , USA

ISBN: 9781496347213

Binding: Paperback

#### Additional Textbook Information

If you prefer to study with a paper copy, they are available at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code). eBooks are available at the publisher's website.

[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 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Matt Gildersleeve** Unit Coordinator

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**Alannah Van Waveren** Unit Coordinator

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## Schedule

### Week 1 - 13 Jul 2020

| Module/Topic                                                                  | Chapter                                         | Events and Submissions/Topic |
|-------------------------------------------------------------------------------|-------------------------------------------------|------------------------------|
| <b>Introduction to unit<br/>Osteology and arthrology of head<br/>and neck</b> | <b>Relevant pages from Chapters 8<br/>and 9</b> |                              |

### Week 2 - 20 Jul 2020

| Module/Topic                    | Chapter                                         | Events and Submissions/Topic |
|---------------------------------|-------------------------------------------------|------------------------------|
| <b>Myology of head and neck</b> | <b>Relevant pages from Chapters 8<br/>and 9</b> |                              |

### Week 3 - 27 Jul 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

**Meninges**

Vascular features of the head and neck (arterial supply, venous drainage, and lymphatic drainage)

Relevant pages from Chapters 8 and 9

Online Quiz 1 opens in Week 3, Friday, 17:00 AEST.

**Week 4 - 03 Aug 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Review of the nervous system

Please refer to the lecture slides and recordings

Online Quiz 1 closes in Week 4, Friday, 17:00 AEST.

**Week 5 - 10 Aug 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Sensory and motor pathways

Please refer to the lecture slides and recordings

**Vacation Week - 17 Aug 2020**

Module/Topic

Chapter

Events and Submissions/Topic

**Week 6 - 24 Aug 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Nerve supply of head and neck: Part 1

Relevant pages from Chapters 8, 9 and 10

**Week 7 - 31 Aug 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Nerve supply of head and neck: Part 2

Relevant pages from Chapters 8, 9 and 10

Online Quiz 2 opens in Week 7, Friday, 17:00 AEST

**Week 8 - 07 Sep 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Nasal cavity and paranasal sinuses  
Oral cavity, tongue, and palate  
Pharynx, larynx and thyroid gland

Relevant pages from Chapters 8 and 9

Online Quiz 2 closes in Week 8, Friday, 17:00 AEST

**Week 9 - 14 Sep 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Eye and vision  
Ear, hearing, and equilibrium

Relevant pages from Chapter 8

**Week 10 - 21 Sep 2020**

Module/Topic

Chapter

Events and Submissions/Topic

The anatomy and physiology of pain

Please refer to both the lecture slides and recordings

Online Quiz 3 opens in Week 10, Friday, 17:00 AEST

**Week 11 - 28 Sep 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Revision Week

Online Quiz 3 closes in Week 11, Friday, 17:00 AEST

**Week 12 - 05 Oct 2020**

Module/Topic

Chapter

Events and Submissions/Topic

Online Practical Assessment open Week 11, Friday, 00:00 and closes 11:59pm

**Review/Exam Week - 12 Oct 2020**

Module/Topic

Chapter

Events and Submissions/Topic

**Exam Week - 19 Oct 2020**

## Assessment Tasks

### 1 Online Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

The purpose of the online quizzes is to challenge your knowledge and understanding of the content as you progress through the unit.

1. There will be three separate online quizzes to assess your knowledge of the unit material.
2. Each quiz will have 15 questions.
3. You will be allowed ONE attempt at each quiz.
4. Your score from each quiz will contribute 5% to your final grade (3 quizzes x 5% = 15%).
5. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

| Quiz Number   | Topic Examined | Time/Quiz Opens             | Time/Quiz Closes            |
|---------------|----------------|-----------------------------|-----------------------------|
| Online Quiz 1 | Week 1-3       | Week 3, Friday, 17:00 AEST  | Week 4, Friday, 17:00 AEST  |
| Online Quiz 2 | Week 4-7       | Week 7, Friday, 17:00 AEST  | Week 8, Friday, 17:00 AEST  |
| Online Quiz 3 | Week 8-10      | Week 10, Friday, 17:00 AEST | Week 11, Friday, 17:00 AEST |

#### Number of Quizzes

#### Frequency of Quizzes

#### Assessment Due Date

All of the quizzes will be available for a period of one (1) academic week and must be completed by the closing date listed in the table and on the Moodle site.

#### Return Date to Students

#### Weighting

15%

#### Assessment Criteria

Questions will be automatically marked correct or incorrect. The maximum score (45) that can be accumulated from the three Online Quizzes equals 15% of the total unit marks.

#### Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

#### 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 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 labeled ( eg: 1, 2, 3, A, B, C, D) online images/models and answer brief theoretical questions regarding the identified anatomical structures. This practical assessment is completely online.

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

**Assessment Due Date**

Online Practical Assessment open Week 11, Friday, 00:00 and closes 11:59pm.

**Return Date to Students**

Results will be returned to students within 1 week.

**Weighting**

35%

**Minimum mark or grade**

50%

**Assessment Criteria**

No Assessment Criteria

**Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

**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

### 3 Online Final Assessment

**Assessment Type**

Online Test

**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 given a variety of question types including short answer, diagram labelling and fill in the missing descriptions. This final assessment is completely online.

Ensure you use correct spelling as only British and American English spelling are accepted.

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

**Assessment Due Date**

Time and date TBA

**Return Date to Students****Weighting**

50%

**Minimum mark or grade**

50%

**Assessment Criteria**

No Assessment Criteria

**Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

**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

## 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