



# CAUD8001

## Speech Perception and Production

Session 1, Online-scheduled-In person assessment, North Ryde 2022

*Department of Linguistics*

### Contents

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<a href="#"><u>General Information</u></a>	2
<a href="#"><u>Learning Outcomes</u></a>	2
<a href="#"><u>Assessment Tasks</u></a>	3
<a href="#"><u>Delivery and Resources</u></a>	5
<a href="#"><u>Unit Schedule</u></a>	5
<a href="#"><u>Policies and Procedures</u></a>	5

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## General Information

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Credit points

10

Prerequisites

Admission to MCLinAudiology

Corequisites

(CAUD802 or CAUD8002) and (CAUD803 or CAUD8003) and (CAUD804 or CAUD8004)

Co-badged status

Unit description

This unit aims to: provide an understanding of the anatomy and physiology of speech production mechanisms; discuss the acoustic categorisation of speech, and its acoustic and linguistic structure; demonstrate how speech sounds are measured and analysed; and discuss the effect of speech perception and production in hearing and language disordered populations.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

## Learning Outcomes

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

**ULO1:** Demonstrate an understanding of the mechanisms underpinning speech

production

**ULO2:** Demonstrate and apply an understanding of the linguistically relevant cues within the acoustic speech signal, and their implications for speech perception

**ULO3:** Demonstrate and apply an understanding of the processes and factors influencing speech perception

**ULO4:** Demonstrate an understanding of speech production models

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Speech Acoustics Quiz</a>	20%	No	23/03/2022
<a href="#">Practicum report</a>	20%	No	26/04/2022
<a href="#">critique literature</a>	20%	No	25/05/2022
<a href="#">Examination</a>	40%	No	24th Week

### Speech Acoustics Quiz

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 28 hours

Due: **23/03/2022**

Weighting: **20%**

1 hour in-class quiz

On successful completion you will be able to:

- Demonstrate an understanding of the mechanisms underpinning speech production
- Demonstrate and apply an understanding of the linguistically relevant cues within the acoustic speech signal, and their implications for speech perception

### Practicum report

Assessment Type <sup>1</sup>: Lab report

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **26/04/2022**

Weighting: **20%**

short Q and A based on the lab experiment

On successful completion you will be able to:

- Demonstrate an understanding of the mechanisms underpinning speech production
- Demonstrate and apply an understanding of the linguistically relevant cues within the acoustic speech signal, and their implications for speech perception
- Demonstrate and apply an understanding of the processes and factors influencing speech perception
- Demonstrate an understanding of speech production models

## critique literature

Assessment Type <sup>1</sup>: Essay

Indicative Time on Task <sup>2</sup>: 25 hours

Due: **25/05/2022**

Weighting: **20%**

1000 words Essay

On successful completion you will be able to:

- Demonstrate and apply an understanding of the linguistically relevant cues within the acoustic speech signal, and their implications for speech perception
- Demonstrate and apply an understanding of the processes and factors influencing speech perception
- Demonstrate an understanding of speech production models

## Examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 30 hours

Due: **24th Week**

Weighting: **40%**

3 hour written exam with short and long questions

On successful completion you will be able to:

- Demonstrate an understanding of the mechanisms underpinning speech production

- Demonstrate and apply an understanding of the linguistically relevant cues within the acoustic speech signal, and their implications for speech perception
  - Demonstrate and apply an understanding of the processes and factors influencing speech perception
  - Demonstrate an understanding of speech production models
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<sup>1</sup> If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

<sup>2</sup> Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

## Delivery and Resources

The lectures are recorded but there will be additional consolidation (online/in-person) classes to ensure that the material is accessible. There is one practica that will be held online.

## Unit Schedule

Mondays 1-4pm

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.s.mq.edu.au\)](https://policies.s.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au)

[du.au](#)) and use the [search tool](#).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

## Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit [ask.mq.edu.au](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

## Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

## The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

## Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)

- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

## Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

## IT Help

For help with University computer systems and technology, visit [http://www.mq.edu.au/about\\_us/offices\\_and\\_units/information\\_technology/help/](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.