



# CAUD8001

## Speech Perception and Production

Session 1, Special circumstances, North Ryde 2021

*Department of Linguistics*

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#### Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

## General Information

Unit convenor and teaching staff

Mridula Sharma

[mridula.sharma@mq.edu.au](mailto:mridula.sharma@mq.edu.au)

Margaret Wood

[margaret.wood@mq.edu.au](mailto:margaret.wood@mq.edu.au)

Lecturer

Anita Szakay

[anita.szakay@mq.edu.au](mailto:anita.szakay@mq.edu.au)

Contact via email

via email

Lecturer

Andy Gibson

[andy.gibson@mq.edu.au](mailto:andy.gibson@mq.edu.au)

Contact via email

via email

Tunde Szalay

[tunde.szalay@mq.edu.au](mailto:tunde.szalay@mq.edu.au)

Contact via email

via email

Nan Xu

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="#">Practicum report</a>	20%	No	5/4/2021
<a href="#">Speech Acoustics Quiz</a>	20%	No	22/04/2021
<a href="#">critique literature</a>	20%	No	17/5/2021
<a href="#">Examination</a>	40%	No	Exam week

### Practicum report

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

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

Due: **5/4/2021**

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

## Speech Acoustics Quiz

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

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

Due: **22/04/2021**

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

## critique literature

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

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

Due: **17/5/2021**

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: **Exam 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

All lectures will be delivered online asynchronously or synchronously.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://policies.mq.edu.au) (<https://policies.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](#)
- [Grade Appeal Policy](#)
- [Complaint Management 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>) 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](https://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Student Support

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

## Learning Skills

Learning Skills ([mq.edu.au/learningskills](https://mq.edu.au/learningskills)) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [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

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

## Student Enquiries

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## 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.