



# SPHL3312

## Speech Perception and Hearing Science

Session 1, Weekday attendance, North Ryde 2020

*Department of Linguistics*

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## General Information

Unit convenor and teaching staff

Convener, Lecturer, Tutor

Titia Benders

[titia.benders@mq.edu.au](mailto:titia.benders@mq.edu.au)

Contact via 1) Before/after lectures and tutorials; 2) drop-in consultation hours; 3) iLearn (personal) messages

Australian Hearing Hub, room 3.519

Wednesday 4-5pm (drop-in, no appointment necessary)

Tunde Szalay

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

Margaret Wood

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

Credit points

10

Prerequisites

50cp at 2000 level or above including LING2217 or LING217

Corequisites

Co-badged status

Unit description

This unit is a detailed examination of speech perception and hearing, and provides training in the scientific methods required to expand knowledge in both domains. This unit is based around interactive lectures that present the theoretical content, and practical workshops that support students in completing research projects and proposals. Essential topics in speech perception include the (categorical) perception of segments and the perception and processing of prosody. These are introduced from the perspective of monolingual adults, and further explored in a range of other populations, including bilinguals and listeners with hearing loss. The discussion of hearing covers the structure of the outer, middle and inner ear, the auditory nerve, the auditory brainstem and the auditory cortex, as well as the mechanisms of hearing and the physiology of the auditory system. A final focus of this unit is the psychoacoustics of hearing and speech perception.

## 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:** Evaluate, make informed decisions regarding, and report on the methods, data, and results from speech perception experiments.

**ULO2:** Communicate on phenomena and theories of speech perception in a range of populations

**ULO3:** Demonstrate an understanding of the anatomy and physiology of the ear to the cortex as they relate to hearing

**ULO4:** Analyse, interpret and report on clinical auditory data to engage with theoretical issues relating to clinical assessment techniques.

## Assessment Tasks

### Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult [iLearn](#) for revised unit information.

[Find out more about the Coronavirus \(COVID-19\) and potential impacts on staff and students](#)

## Delivery and Resources

### Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19.

Please check here for updated delivery information: [https://ask.mq.edu.au/account/pub/display/unit\\_status](https://ask.mq.edu.au/account/pub/display/unit_status)

Students have access to weekly interactive **lectures**, weekly required **readings** on Leganto, weekly other **multimedia resources** on iLearn, weekly **tutorial sessions** (some weeks excepted), and the **assignment-specific resources** on iLearn and Leganto.

All required readings and lecture materials provide the necessary content knowledge for successful completion of the written assignments. All required readings and lecture materials on Hearing Science are assessable content for the exam.

Tutorials are specifically designed to develop the skills required for the successful completion of the written assignments.

Preparation for and attendance at all classes - both lectures and tutorials - is expected. We are

here to support your learning and we can only do this successfully through structured contact to guide you through the materials and techniques.

We welcome all your **questions** during the interactive lectures and tutorials. Please never hesitate to come to talk to us! You can also pose written questions on the iLearn discussion fora, for your peers, tutor, or lecturer to answer. Even messages that are sent via the personal iLearn messages will be (anonymously) re-posted in the discussion fora. Our aim in doing this is providing all students with access to the same information. Questions of a personal nature are of course excluded from this procedure. Please contact Titia Benders (the unit convenor) directly if you have any personal questions or concerns.

## Unit Schedule

### Coronavirus (COVID-19) Update

The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult [iLearn](#) for latest details, and check here for updated delivery information: [https://ask.mq.edu.au/account/pub/display/unit\\_status](https://ask.mq.edu.au/account/pub/display/unit_status)

Details of all topics, readings, class schedules, and assessment tasks are provided on iLearn, and may be updated each week. It is your responsibility to consult iLearn regularly, and make sure you are prepared for each class.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). 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](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

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

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](#) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

[s://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central)).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/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)

- Late submissions without an extension will receive a penalty of 3% of the total mark available for the assessment task per day including weekend days (i.e. this is 3% of the total marks possible for the task – NOT 3% of the marks the student received. For example, if the assessment task is worth 100 marks and the student is two days late their mark for the task is reduced by 6 marks.)
- Late submission of an assessment task without an extension will not be accepted at all after the date on which marked assessment tasks have been released to the rest of the class. Any student with unsubmitted work at this date will receive a mark of 0 for the assessment task.
- Extensions will only be given in special circumstances, and can be requested by completing the Special Consideration request at [ask.mq.edu.au](https://ask.mq.edu.au) and providing the requisite supporting documentation.
- Extensions that will result in submissions after the assessment task has been returned to the class will require a separate assessment task to be completed at the unit convenor's discretion.
- For more information on Special Consideration, see the university website <https://students.mq.edu.au/study/my-study-program/special-consideration>
- If a student fails the unit due to non-submission of an assignment or non-attendance at an exam, an FA grade will be applied in accordance with the University's Assessment Policy.
- Unit convenors have the discretion to determine whether or not students should fail a unit on the basis of lateness penalties alone if other learning outcomes of the unit have been met.

## 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](http://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.