



# SPHL830

## Body Functions and Structures for Speech Pathology

S1 Day 2019

*Dept of Linguistics*

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## General Information

Unit convenor and teaching staff

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Credit points

4

Prerequisites

Admission to MSpchLngPath

Corequisites

Co-badged status

Unit description

This unit provides speech pathology students with an understanding of the body systems that mediate swallowing, speech, and language across the lifespan. The unit introduces the behavioural manifestations of brain damage in acquired speech and language disorders. The nature, impact, and assessment of dysphagia in adults and children are covered in depth.

## 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:

Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.

Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.

Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.

Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">SPHL 830.1</a>	40%	No	Week 7 Tuesday 9th April 2018
<a href="#">SPHL 830.2</a>	60%	No	Wk 12 Sat 8th June 2019 5.00pm

### SPHL 830.1

Due: **Week 7 Tuesday 9th April 2018**

Weighting: **40%**

This assessment task will focus on foundational knowledge in neuroanatomy and physiology that are central for speech pathology practice (e.g., brain structures, cranial nerves, oral-facial musculature) and its application to clinical practice. This assessment task will focus on foundational knowledge in neuroanatomy and physiology that are central for speech pathology practice (e.g., brain structures, cranial nerves, oral-facial musculature) and its application to clinical practice.

On successful completion you will be able to:

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.

### SPHL 830.2

Due: **Wk 12 Sat 8th June 2019 5.00pm**

Weighting: **60%**

Students will be provided with case information and, potentially, audio and video relating to people who have dysphagia. They will be also be provided with clinical scenarios, and asked to develop plans relating to speech pathology assessment for these people. The assessment task will require them to integrate and synthesise case information, case data, theory, research evidence, and routine speech pathology practices in order to formulate plans.

On successful completion you will be able to:

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.
- Apply knowledge of the neurophysiological bases of swallowing to the assessment and

differential diagnosis of dysphagia in children and adults.

- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## Delivery and Resources

Lectures, class based activities, and self directed online learning activities.

## 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.*)

Undergraduate 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) (<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)

## 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 improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

## 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.

## Graduate Capabilities

### PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

### Learning outcomes

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech,

language, and swallowing causing impairments relevant for speech pathology practice.

- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## **Assessment task**

- SPHL 830.2

## **PG - Discipline Knowledge and Skills**

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

## **Learning outcomes**

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.
- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## **Assessment tasks**

- SPHL 830.1
- SPHL 830.2

## **PG - Critical, Analytical and Integrative Thinking**

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

## Learning outcomes

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.
- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## Assessment tasks

- SPHL 830.1
- SPHL 830.2

## PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

## Learning outcomes

- Identify, describe, and analyse the neurophysiological bases of speech, language, and swallowing in children and adults.
- Identify, describe, and analyse disruptions to the neuro-physiological bases of speech, language, and swallowing causing impairments relevant for speech pathology practice.
- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

## Assessment tasks

- SPHL 830.1
- SPHL 830.2

## PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

### Learning outcomes

- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

### Assessment tasks

- SPHL 830.1
- SPHL 830.2

## PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

### Learning outcomes

- Apply knowledge of the neurophysiological bases of swallowing to the assessment and differential diagnosis of dysphagia in children and adults.
- Integrate the outcomes of dysphagia assessment focused on body functions and structures with other sources of information, with a view to comprehensive, client-centred assessment.

### Assessment task

- SPHL 830.2