

5.9 SPEECH PATHOLOGY

Introduction

Speech pathology is a health science profession that deals with the identification, assessment, diagnosis, intervention and management of communication disorders (disorders of language, speech sounds, fluency and voice) and swallowing problems. Speech Pathology Programme provides an academic programme for students to obtain Bachelors of Health Science (Speech Pathology) as a qualification to work as the speech-language pathologist. The main aim of this programme is to produce professionals who have the theoretical knowledge and clinical skills in speech pathology. Our students will also develop a sense of professionalism to ensure ethical practices are provided to the public and to disseminate the knowledge of speech sciences for sustainable development and society welfare.

This is a 4-year professional programme that provides students with theoretical knowledge and clinical skills in speech pathology. Students will undertake programme core courses that cover topics on communication sciences and disorders, medical and health sciences, linguistics, education, psychology and research, plus several elective and university courses. The students will also have to accumulate 400 clinical educational hours and 250 clinical contact hours during clinical years, i.e. from Year 2 to Year 4 and to complete a research project during the final year.

List of Core Courses of the Speech Pathology Programme

No.	Course Code	Title of Core Courses in the Speech Pathology Programme	Unit
1.	GTU101/3	Structure and Function of Humans I	3
2.	GTU104/3	Structure and Function of Humans II	3
3.	GTU304/3	Research Methodology	3
4.	GTU302/3	Biostatistic	3
5.	GTA104/2	Anatomy and Physiology of Hearing and Speech I	2
6.	GTA105/2	Acoustic for Hearing and Speech	2
7.	GTA109/2	Anatomy and Physiology of Hearing and Speech II	2
8.	GTA107/2	Psychoacoustics	2
9.	GTA108/2	Basic Audiology Techniques	2
10.	GTP104/3	Developmental Psychology for Speech and Hearing	3
11.	GTP100/3	Basic Linguistics	3
12.	GTP107/3	Language Development	3
13.	GTP108/2	Clinical Bases for Audiology and Speech Pathology	2
14.	GTP109/3	Applied Linguistics for Speech Pathology	3
15.	GTA205/2	Neurology for Hearing and Speech	2
16.	GTA210/3	Otology	3
17.	GTP202/3	Introduction to Speech and Language Disorders	3
18.	GTP203/2	Speech Pathology Clinic I	2

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No.	Course Code	Title of Core Courses in the Speech Pathology Programme	Unit
19.	GTP207/2	Speech Pathology Clinic II	2
20.	GTP209/2	Phonetics and Phonology	2
21.	GTP210/2	Clinical Linguistics	2
22.	GTP211/3	Pediatric for Hearing and Speech	3
23.	GTP212/2	Abnormal Psychology	2
24.	GTP213/3	Pediatrics Language Disorders	3
25.	GTP214/3	Speech Sound Disorders	3
26.	GTP215/3	Hearing Impairment	3
27.	GTP216/2	Psycholinguistics	2
28.	GTP303/2	Neuropsychology	2
29.	GTP304/3	Speech Pathology Clinic III	3
30.	GTP306/3	Voice and Resonance Disorders	3
31.	GTP311/3	Counseling for Communication Disorders	3
32.	GTP312/2	Augmentative and Alternative Communication	2
33.	GTP313/3	Acquired Language Disorders	3
34.	GTP314/2	Motor Speech Disorders	2
35.	GTP315/3	Speech Pathology Clinic IV	3
36.	GTP316/3	Learning Disabilities	3
37.	GTP317/2	Swallowing Problems	2
38.	GTP402/6	Research Project	6
39.	GTP403/6	Speech Pathology Clinic V	6
40.	GTP406/6	Speech Pathology Clinic VI	6
41.	GTP408/2	Fluency Disorders	2
42.	GTP409/6	Speech Pathology Clinical Placement	6
43.	GTP410/2	Ethics and Professionalism for Speech Pathology	2
Total Unit of Core Courses			122

Programme Learning Outcome

Upon completion of the programme, graduates will be able to:

- PO1: Possess theoretical knowledge of the principles and methods of assessment, intervention, and prevention for individual with communication disorders and swallowing problems.
- PO2: Demonstrate a comprehensive clinical competence in evaluation, intervention, and prevention of communication disorders and swallowing problems.
- PO3: Identify, formulate, provide solutions and effective decisions in the management process; and demonstrate good clinical reflection and reasoning skills.
- PO4: Demonstrate good communication and interpersonal skills in providing effective counseling to patients, family members, and health professionals; both in verbal and written forms.
- PO5: Demonstrate the ability to serve individually and/or collaborate with other team members of healthcare professionals with good interpersonal and social skills.
- PO6: Adhere to professional codes of conduct and ethical standards and demonstrate sensitivity to differences in cultural and religious practices.
- PO7: Apply current development in speech sciences, clinical skills and utilise ICT knowledge to enhance their profession and support lifelong learning.
- PO8: Display entrepreneurship skills and practice systemic management in speech sciences.
- PO9: Demonstrate leadership and social skills both in the workplace and community.

Recommended Registration Guidelines for the Core Courses of the Speech Pathology Programme

Code	Core Courses	Unit	Code	Core Course	Unit
Year 1 Semester 1			Year 1 Semester II		
GTU101/3	Structure and Function of Humans I	3	GTU104/3	Structure and Function of Humans II	3
GTA104/2	Anatomy and Physiology of Hearing and Speech I	2	GTA109/2	Anatomy and Physiology of Hearing and Speech II	2
GTA105/2	Acoustic for Hearing and Speech	2	GTA107/2	Psychoacoustics	2
GTP100/3	Basic Linguistics	3	GTA108/2	Basic Audiology Techniques	2
GTP107/3	Language Development	3	GTP104/3	Developmental Psychology for Speech and Hearing	3
			GTP108/2	Clinical Bases for Audiology and Speech Pathology	2
			GTP109/3	Applied Linguistics for Speech Pathology	3
		13			17

Recommended Registration Guidelines for the Core Courses of the Speech Pathology Programme

Code	Core Courses	Unit	Code	Core Course	Unit
Year 2 Semester 1			Year 2 Semester II		
GTP202/3	Introduction to Speech and Language Disorders	3	GTA205/2	Neurology for Hearing and Speech	2
GTP203/2	Speech Pathology Clinic I	2	GTA210/3	Otology	3
GTP209/2	Phonetics and Phonology	2	GTP207/2	Speech Pathology Clinic II	2
GTP210/2	Clinical Linguistics	2	GTP213/3	Pediatrics Language Disorders	3
GTP211/3	Pediatrics for Hearing and Speech	3	GTP214/3	Speech Sound Disorders	3
GTP212/2	Abnormal Psychology	2	GTP215/3	Hearing Impairment	3
			GTP216/2	Psycholinguistics	2
		14			18

Recommended Registration Guidelines for the Core Courses of the Speech Pathology Programme

Code	Core Courses	Unit	Code	Core Course	Unit
	Year 3 Semester 1			Year 3 Semester II	
GTP302/3	Biostatistics	3	GTP313/3	Acquired Language Disorders	3
GTP304/3	Research Methodology	3	GTP314/2	Motor Speech Disorders	2
GTP303/2	Neuropsychology	2	GTP315/3	Speech Pathology Clinic IV	3
GTP304/3	Speech Pathology Clinic III	3	GTP316/3	Learning Disabilities	3
GTP306/3	Voice and Resonance Disorders	3	GTP317/2	Swallowing Problems	2
GTP311/3	Counseling for Communication Disorders	3			
GTP312/2	Augmentative and Alternative Communication	2			
		19			13

Code	Core Courses	Unit	Code	Core Course	Unit
	Year 4 Semester 1			Year 4 Semester II	
GTP402/6	Research Project	3	GTP402/6	Research Project	3
GTP403/6	Speech Pathology Clinic V	6	GTP406/6	Speech Pathology Clinic VI	6
GTP408/2	Fluency Disorders	2	GTP410/2	Ethics and Professionalism for Speech Pathology	2
GTP409/6	Speech Pathology Clinical Placement	6			
		17			11