

Module Specification

Module Summary Information

1	Module Title	Applied Anatomy and Physiology (AAP)
2	Module Credits	20
3	Module Level	4
4	Module Code	SPR4035

5	Module Overview
<p>In order to understand difficulties in communication and swallowing, you will require a sound knowledge of the anatomy and physiology underlying the processes of speech and language comprehension and production and swallowing. This module will introduce you to profession-specific knowledge of the main structures and functions of the body systems and the relationships between these in human communication and swallowing so that you can understand the implications of this for the work of the speech and language therapist.</p> <p>You will be able to apply your newly acquired knowledge of anatomy and physiology to understand the nature and implications of their breakdown in various conditions resulting in communication and swallowing impairments using a case study approach. Consequently, this module integrates the learning and teaching of anatomy and physiology with the introduction of specific communication and swallowing impairments.</p> <p>In line with the Programme Philosophy which promotes a focus on individuals with communication and swallowing impairments and needs, this module focusses on the anatomical and physiological causes of those impairments (Health and Care Professions Council Standards of Proficiency (HCPC SoP) 5.2). The <u>impact</u> of communication and swallowing impairments is followed up in the subsequent module 'Communication and Swallowing Impairments and their Impact', and this module is co-requisite with the 'Foundations of Professional Practice' and 'Foundations of Phonetics and Linguistics' modules.</p> <p>This module supports the programme aims with particular relevance to programme aim 1 '<i>pursuing excellence</i>' through the use of evidence-based teaching and the promotion of a critical and evaluative approach to the consequences of the impairment of body systems; programme aim 2 '<i>practice-led, knowledge-applied</i>' through the integration of case studies in teaching and the application of anatomical and physiological knowledge; programme aim 3 '<i>interdisciplinary</i>' through shared interdisciplinary teaching and the development of the communication skill of explanation; and programme aim 4 '<i>employability-driven</i>' with a focus on developing applied clinical skills.</p> <p>This module will enable you to work towards the HCPC's Standards of Proficiency in that you will understand the structure and function of the human body, its contribution to communication and swallowing status and you will be able to apply this knowledge in the identification of a range of communication and swallowing impairments. (HCPC SoPs 5.2;13.1;13.9;14.16).</p> <p>This module is aligned with the Quality Assurance Agency for Higher Education subject specific benchmark statements for SLT (A2, A3, A4, B1, B2, B3, B4, C1, C2) and also meets the Royal</p>	

College of Speech and Language Therapists' (RCSLT) Guidelines for pre-registration speech and language therapy courses in the UK section 5: Biological and Medical Sciences.

Learning and teaching will consist of lectures, self-directed online learning activities, peer discussion and review, workshops and group presentations.

Case studies will be used throughout the teaching of this module as a means of providing you with active learning opportunities to provide insight into the context of communication and swallowing difficulties as well as demonstrating relevant anatomical and physiological principles. These case studies will be embedded into the module programme. A separate workbook of case studies with tasks/activities for completion will allow you to assimilate and apply newly acquired knowledge in a sequential and measured manner. Your summative assessment will be a group presentation which you will prepare for using case information provided to you. This case-based approach will support you to gain new knowledge in this key area and then apply that knowledge within a speech and language therapy context in a supported and effective way.

You are encouraged to utilise the SPACE resource room in addition to peer and tutor support whilst studying this module.

6	Indicative Content
	<ul style="list-style-type: none"> • Brain structure • Nervous system • Circulatory system • Respiratory system • Facial and swallowing muscles of the head and neck, sensory systems (eye/ear), voice disorders Developmental Verbal Dyspraxia • Acquired Apraxia of Speech • Developmental and Acquired Dysarthria • Aphasia • Bilingual Brain • Cognitive Communication Disorders • Head and Neck Cancer • Normal Eating and Drinking • Dysphagia • Paediatric Dysphagia • Genetics • Embryology • Craniofacial Anomalies

7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	To identify and demonstrate understanding of the anatomical structures and physiological processes integral to communication and swallowing.
	2	To apply knowledge of the anatomical structures and physiological processes which underpin clients' communication and swallowing impairments.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1, 2	X	X	

*Students have an option of assessment type for Assessment point 3

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	52	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60	
Private Study (PS) includes preparation for exams	88	
Total Study Hours:	200	