

Speech-Language Pathology

Doctor of Philosophy (Ph.D.)

University of Social Welfare and
Rehabilitation Sciences

Curriculum and Course content

A. Prerequisite

Code	Course Title	Credits	Hours			Prerequisites
			theoretical	practical	total	
01	Neurophysiology and Neuropathology of Brain in Relation to Speech	2	34	-	34	None
02	Clinical Linguistics and Phonetics	2	17	34	51	None
03	Seminar on Natural Language Processing	2	34	-	34	None
04	Medical Informatics Systems	1	9	17	26	None
Total		7	94	51	145	

B. Mandatory Courses

Code	Course Title	Credits	Hours			Prerequisites
			theoretical	practical	total	
05	Application of Advanced Statistics in Speech and Language Studies	2	34	-	34	None
06	Research Methodology in Speech-Language Pathology	2	17	34	51	Application of Advanced Statistics in Speech and Language Studies
07	The Basics of Test Development for Diagnosis and Evaluation of Speech and Language Disorders	2	34	-	34	Research Methodology in Speech-Language Pathology
08	Seminar on Clinical Research in Speech and Language Disorders	2	68	-	68	Research Methodology in Speech-

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09	Speech and Language Lab	3	102	-	102	None
10	The Study of Normal Indexes in Speech and Language	2	34	-	34	None
11	Clinical Observation	3	-	153	153	None
Total		16	119	357	476	-

C. Elective Courses

Code	Course Title	Credits	Hours			Prerequisites
			theoretical	practical	total	
12	Evaluation and Treatment of Voice Disorders	2	17	34	51	Speech and Language Lab
13	Theoretical Perspectives on Stuttering and its Treatment	2	34	-	34	None
14	Pathology and Treatment of Articulation disorders	2	34	-	34	None
15	Advanced Neurophysiology of the Auditory System	2	34	-	34	None
16	Pathology and Treatment of Speech and Language Disorders in Individuals with Hearing Loss	2	17	34	51	Advanced Neurophysiology of the Auditory System
17	Advanced Neurophysiology of Speech and Language	2	34	-	34	None
18	Neurolinguistics	2	34	-	34	Advanced Neurophysiology of Speech and Language
19	Cognitive Models in Speech and Language Perception and Production	2	34	-	34	Advanced Neurophysiology of Speech and Language

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20	Theories on Cognitive and Language Development	2	34	-	34	None
21	Pathology and Treatment of Developmental Language Disorders	2	34	-	34	Theories on Cognitive and Language Development
22	Advanced Clinical Linguistics	2	34	-	34	Clinical Linguistics and Phonetics
23	Pathology and Treatment of Aphasia	2	34	-	34	Advanced Neurophysiology of Speech and Language

* Elective courses have 24 credits and students must take at least 10 credits that have been designated by their supervisor and allied to their dissertation topic.