

TRINE UNIVERSITY FORT WAYNE

COLLEGE OF HEALTH PROFESSIONS

Master of Science in Speech Language Pathology

Checklist of Prerequisites for 2022 Fall enrollment

Course:	Description:	Credits:	Course taken:
Intro to Speech, Language Hearing Disorders	Course objectives are to introduce the learner to articulation, disordered speech, language development, language disorders, hearing impairment, communication impairments throughout the lifespan and researching a communication impairment.	3	
Phonetics	Course objectives: provide overview of the speech sounds system of American English with focus on transcription in words and sentences in the International Phonetic Alphabet (IPA). Differences and disorders in speech production discussed.	3	
Language Development	Course objectives are to introduce linguistic theory with language development and to introduce the development of phonology, morphology, syntax, semantics, pragmatics, and pre-linguistics communication.	3	
Intro to Assessment of Communication Disorders	Course objectives: intro to evaluation and diagnosis of a wide range of communication disorders in adults and children, use of best practices, standardized versus non-standardized assessment, current research, and use of critical thinking skills.	3	
Intro to Articulation and Phonology	Course objectives are to introduce phonological rules and the processes of speech, acoustic phonetics, and the production of articulation sounds.	3	
A&P of Speech, Swallowing, and Voice Mechanism	Course objectives: intro to oral, pharyngeal, and esophageal phases of swallowing, and related functions of swallowing, and the respiration and phonation of voice. Foundations of anatomy and physiology of the subsystems impacting speech and swallowing.	3	
Intro to Audiology and Aural Rehabilitation	Course objectives: intro to evaluation of hearing, anatomy and physiology of the ear, ear pathology, pure tone audiometry, speech audiometry, and acoustic-immittance audiology. Impact hearing impairments have on speech and language development discussed.	3	

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Neuroscience: Cognition, Language and Behavior	Course objectives: intro the relationship between anatomy and physiology of the brain to behavior and learning with emphasis on topics of swallowing, hearing, speech and language, and cognition.	3			
Clinical Methods (optional)	Course objectives: instill the need for evidenced-based practice, professionalism, ethics, clinic protocols, policies and procedures in each student prior to participating in a clinical. Evaluation and intervention of clients across the lifespan covered.	3			
Undergraduate Practicum (optional)	Supervised clinical experience.	3			
Principles of Psychology	Course objectives: all of the major areas within psychology, including development, learning, intelligence, personality, attitudes, altered states of consciousness, abnormal behavior, and psychotherapy are addressed.	3			
College Physics	Course objectives: an algebra-based introduction to the concepts and application of Newton's Law, linear and rotational motion, work, energy, and momentum, solids and fluids, and heat. Experimental investigation of selected topics.	3			
Statistics	Topics include: laws of probability, frequency distributions, sampling, expectation and variance, normal and sampling distributions, hypothesis testing, least squares, point, and interval estimates of parameters.	3			
Principles of Biology	Course objectives: biological chemistry, cell biology, metabolism, genetics, and animal organization and homeostasis. Lab to intro the scientific investigation and the structure/function of biological systems.	3			
Principles of Sociology	Course objectives: basic concepts and principles of sociology, designed to develop a system of thought about the nature of society and major special issues, such as ethnic patterns, social stratification, youth, educational, and religious institutions.	3			
Abnormal Psychology	Course objectives: clinical assessment, anxiety disorders, schizophrenia, personality disorders, age-related problems,	3			

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	depression, sexual dysfunctions, psychotherapy, and related legal and ethical questions arising with clinical psychology.				
Effective Speaking	Course objectives: apply communication principles to improve extemporaneous public speaking and listening skills. Consider: audience analysis, speaker and source credibility, organization and outlining, and effective speaker-audience interaction.	3			
College Composition/English	Course objectives: intensive training in exposition and research leading to the ability to write coherent, clear, and persuasive essays. Focus on writing, revision and editing different topic assignments.	3			
Linguistics	Course objectives: understanding how languages are acquired by native and second language learners, exploring how children acquire language, general structure of language, and how language influences our perception of the world.	3			