Background Knowledge required for a Master’s Degree in Speech-Language Pathology

This form will help you explore your undergraduate curriculum to determine if you have the knowledge base required for completing a Master’s degree in Speech-Language Pathology. Prior to receiving an offer to our Master’s Program, background knowledge is reviewed to determine if requirements for the necessary prerequisite coursework have been met. If you are missing instruction in one of the following knowledge areas, you may need to take additional coursework during your graduate program. If additional information is needed by ISU, you will be contacted and asked to provide supporting documents such as course syllabi. Please carefully read through the information listed below. Match course descriptions from other universities as accurately as possible.

General Knowledge

☐ Biological Sciences (100 level or above): Includes Biology, Microbiology, Entomology, Plant Sciences. CSD Anatomy and Physiology is not acceptable. Courses must be from a Biology Dept.

☐ Physical Science (100 level or above): Includes Physics (preferred) or Chemistry

☐ Statistics (100 university level or above): An acceptable description would include topics such as descriptive statistics, probability, inferential, correlation, regression, measures of central tendency, t-tests, ANOVA, and hypothesis testing for one and two parameters. The course may be under Math, Statistics, Psychology or Business as long as it meets the above criteria. If your statistics course is older than 10 years, it is highly recommended you retake it.

☐ Social/Behavioral Sciences (100 level or above): Includes Psychology, Sociology, Anthropology

Communication Sciences Pre-Requisite Courses

☐ CSD 3321 Clinical Phonetics and Phonology and Lab 3 credits
Basic concepts in applied phonetics and phonology, emphasizing applications in communication disorders and differences. Introduction to International Phonetic Alphabet. Practice with phonetic transcription.

☐ CSD 3330 Language Science and Development 3 credits
Analysis of the development of systems of communication: phonologic, morphologic, syntactic, semantic, pragmatic, and relevant nonverbal and cognitive development in normal children. Review of current theories and research.

☐ CSD 3341 Audimetry & Hearing Science 3 credits
Introduction to basic hearing science, sound measurement, audiometry, tympanometry, hearing disorders, public school screening, and methods of aural rehabilitation. Review of role of audiology in human services.

☐ CSD 3315 Clinical Processes: Pediatric 3 credits
Assessment and treatment principles, methods, and procedures in Speech-Language Pathology with focus on the pediatric population.
CSD 3325 Speech Sound Development and Disorders 3 credits
Introduction to childhood speech development and disorders. Basic clinical principles and procedures for diagnosis and treatment of disorders of speech sound production.

CSD 3335 Language Disorders 3 credits
Study of children with development delays and disorders of language. Includes etiology, characteristics, assessment and intervention principles. Introduction to language diversity.

CSD 4405 Neurological Bases of Communication Disorders 3 credits
Fundamentals of neuroanatomy and physiology related to speech, language and hearing. Introduction to communication disorders related to neurological damage.

CSD 4417 Interdisciplinary Evaluation Team 1 credit (offered only at Idaho State University)

* If you are missing IET (4417), then CSD 5517 IET will be incorporated into your Master’s Program.

CSD 4420 Clinical Processes: Adult 3 credits
Assessment and treatment principles, methods, and procedures in Speech-Language Pathology with focus on the adult population.

CSD 4435 Speech and Hearing Science & Lab 4 credits
Introduction to the anatomy and physiology of speech production. Topics include respiratory dynamics, laryngeal functions, articulatory dynamics, hearing mechanism and the neurophysiology of speech and hearing.

CSD 4445 Aural Rehabilitation 3 credits
Aural rehabilitation of the hearing impaired. Consideration of amplification, speech reading, auditory training, and other aspects of the process.

CSD 4460 Educational Audiology 3 credits
Overview of school-based audiology services including working within the public school system and with related professionals, legal issues and options for providing comprehensive services to children with hearing loss and their families.

If you have questions, please contact Lexie Baker at csd@isu.edu or Jude Jones at olcsd@isu.edu.