Speech-Language Pathology and Audiology (7700)

7700:101 American Sign Language I (3 Credits)
Introduction to American Sign Language: vocabulary building, beginning development of fingerspelling skills, receptive/expressive conversational skills.

7700:102 American Sign Language II (3 Credits)
Prerequisite: 7700:101 or equivalent. Continued development of skills in American Sign Language: vocabulary building, further development of fingerspelling skills, receptive/expressive conversational skills.

7700:110 Introduction to Disorders of Communications (3 Credits)
Overview of various types of speech disorders; their incidence, etiology and characteristics. Basic concepts and principles underlying speech pathology.

7700:201 American Sign Language III (3 Credits)
Prerequisite: 7700:102 or equivalent. Continued development of skills in American Sign Language: vocabulary building, fingerspelling skills, receptive/expressive conversational skills, and linguistic features of ASL.

7700:202 American Sign Language IV (3 Credits)
Prerequisite: 7700:201. Further fluency development of expressive/receptive communication, fingerspelling, and linguistic features of ASL.

7700:210 Introduction to Clinical Phonetics (4 Credits)

7700:215 Introduction to Hearing and Speech Science (4 Credits)
Prerequisite: 7700:210. Introductory course covering the human hearing system and acoustics of hearing as well as principles involved in the production, transmission, and reception of the speech signal.

7700:222 Survey of Deaf Culture in America (2 Credits)
The deaf experience in America including historical, educational, legal, social, and occupational developments.

7700:230 Language Science & Acquisition (4 Credits)
An introduction to language science and the study of the language acquisition process. The characteristics and explanations of language development will be presented.

7700:245 First Responders to the Deaf Community (4 Credits)
Prerequisites: Completion of 7700:201 with C or better. This course is required for the HSHS Manual Communication Certificate. It will emphasize ASL skills practical to first responders’ needs.

7700:295 Direct Experiences in the Hospital (3 Credits)
Prerequisite: Permission of advisor. Individual learning experiences for students with patients, their families and the hospital personnel in various hospital settings under the direction of hospital and University staff.

7700:300 The Resilient Child (3 Credits)
Corequisite: 7700:301. Course content includes typical and atypical development in children affected with health related issues in a variety of clinical settings.

7700:301 The Resilient Child Lab (1 Credit)
Corequisite: 7700:300. Course content applies typical and atypical development in children affected with health related issues in a lab setting.

The program in Speech-Language Pathology of The University of Akron is accredited by the Council on Academic Accreditation of The American Speech-Language-Hearing Association. The Doctor of Audiology program at the University of Akron, in association with the Northeast Ohio Audiology Consortium, is also accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

The School of Speech-Language Pathology and Audiology offers an undergraduate (preprofessional) program of academic training in speech-language pathology and audiology. Audiolists are hearing care specialists for evaluation and treatment of individuals with hearing and balance disorders. Scope of practice includes conducting hearing assessments, selecting and fitting hearing aids/assistive listening devices, programming cochlear implants, testing balance, and counseling regarding hearing loss. Speech-language pathologists work with children and adults with language, voice, fluency, articulatory and phonologic, cognitive and swallowing disorders. They provide assessment and treatment for these disorders as well as working in prevention of them.

Course work focuses on the evaluation and treatment of the many disordered communication processes. Students will also take: 7700:446 Observation and Clinical Techniques. This course includes accumulation of a minimum of 25 hours of supervised observation, as required for graduate study by the American Speech-Language-Hearing Association. The preprofessional undergraduate program prepares students to pursue a master’s degree, which is required for employment and licensure as a speech-language pathologist. A doctoral degree (Au.D.) is required for licensure as an audiologist.

Typical work settings for speech-language pathologists and audiologists include: schools, hospitals, clinics, private practice, physicians’ offices, industry and universities.

- Speech Language Pathology & Audiology, BAT (https://bulletin.uakron.edu/undergraduate/colleges-programs/health-professions/speech-language-pathology-audiology/speech-language-pathology-audiology-bat)
7700:302 Assessment, Play and Therapeutic Interventions with Children (3 Credits)
An overview of the theoretical framework of play and assessment of children's developmental and emotional needs. Therapeutic interventions and activities explored.

7700:303 National Health and Safety Performance Standards in Child Care (1 Credit)
Course content includes safety and performance standards for health care providers working with children in a clinical setting.

7700:321 Articulatory & Phonologic Disorders (4 Credits)

7700:330 Language Disorders (4 Credits)
Prerequisite: 7700:230. Etiology, identification, evaluation, intervention, remediation of symbolic, cognitive, interpersonal language disorders of children. Disorders viewed as correlates or sequelae of central nervous system dysfunction or emotional disturbance.

7700:335 Principles of Audiology (4 Credits)
Prerequisite: 7700:215. Introduction to basic audiometric tests, principles of speech audiology, masking, and impedance audiometry, "test battery" approach.

7700:345 Audiologic Treatment (4 Credits)

7700:365 Anatomy & Physiology of Speech & Hearing (3 Credits)
Prerequisites: 3100:200, 3100:201, 3100:202 and 3100:203. Study of the anatomy and physiology of organs directly and indirectly responsible for production of speech and perception of acoustical signals.

7700:366 Anatomy & Physiology Laboratory (1 Credit)
Corequisites: 7700:365. Laboratory to accompany lecture, includes hands-on experience with a variety of laboratory materials, primarily models and virtual dissection.

7700:401 Professional Practice and Communications in Child Life (1 Credit)
Provide knowledge in the area of child life professional practice. Exploration of the tenets of the child life profession and identify essential professional concepts and attributes.

7700:403 Professional Practice and Communications in Child Life (3 Credits)
Provide the knowledge of child life professional practice, standards of clinical practice, competencies and ethics. Skills related to therapeutic communication with patients, families and staff will be explored and practiced.

7700:422 Organic Disorders of Communication (4 Credits)
Prerequisites: 7700:230 and 7700:365. Surveys communication disorders that accompany acquired neurological impairments and neurodevelopmental syndromes. Introduces neurological models, classification systems, diagnostic and treatment procedures.

7700:430 Aspects of Normal Language Development (3 Credits)
(Not open to speech-language pathology and audiology majors) Introduction to acquisition and development of comprehension and production of language phonologically, semantically and syntactically. Relates language acquisition to perceptual development of child and looks at function of language in individual, family and school.

7700:445 Multicultural Considerations for Audiologists & Speech-Language Pathologists (3 Credits)
Prerequisites: 7700:110 or graduate standing. This course introduces the multicultural considerations faced by audiologists and speech-language pathologists providing services to families and individuals with communication disorders.

7700:446 Observation and Clinical Techniques (4 Credits)

7700:452 Child, Illness and Loss (3 Credits)
Prerequisite: senior level standing. This course examines the phenomena of illness, loss and bereavement in modern society with a special emphasis on children and families.

7700:453 Facilitating Support Groups (3 Credits)
Prerequisite: senior level standing. Theories, strategies and skills needed to facilitate support groups for children and for adults are studied using a variety of approaches including participation in a support group.

7700:454 Child in the Hospital (6 Credits)
Prerequisite: 3760:265, comparable course or permission of instructor. Seminar dealing with special needs and problems of hospitalized/ill child and family. Literature related to effects, separation, illness and stress. Examination of strategies for coping.

7700:455 Practicum Experience in Child-Life Program (3 Credits)
Prerequisite: 7700:454. Field experience in a child-life program and classroom activities including critical analysis of a currently functioning program and program administration.

7700:480 Seminar in Speech-Language Pathology and/or Audiology (2 Credits)
Prerequisite: senior standing. Provides a vehicle for detailed study and discussion of various communicative disorders.

7700:481 Special Projects: Speech-Language Pathology & Audiology (1-3 Credits)
(May be repeated for a total of four credits) Prerequisite: Permission of instructor. Individual or group projects related to any of the problems of communicative disorders.

7700:484 Hospital Settings, Children and Families (5 Credits)
Prerequisite: 3760:265, comparable course or permission of instructor. Focuses on hospital as a major social institution; introduces procedures and functions of the hospital; roles played by various hospital personnel plus cursory knowledge of medical terminology, common childhood diseases, illnesses and injuries.

7700:485 Teaching & Learning Strategies in Speech-Language Pathology (2 Credits)
Current practice related to clinical intervention designed for individuals with developmental disabilities. Explores the use of the natural environment and the computer as intervention tools.

7700:494 Internship: Guided Experiences in Child Life Program (8 Credits)
Prerequisite: 7700:455. Field experience in a child-life program at an approved pediatric facility under the supervision of Child Life Specialists.

7700:496 Senior Honors Project: Speech-Language Pathology & Audiology (1-3 Credits)
(May be repeated for a total of six credits) Prerequisites: enrollment in the Honors Program, senior standing and major in speech-language pathology and audiology.