

PREPARATORY PROGRAM OF STUDY REQUIRED BY THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL LEADING TO ELIGIBILITY FOR CERTIFICATION WITH A DOCTORAL DEGREE IN AUDIOLOGY

ASHA Standard IV-A: Prerequisite Knowledge and Skills A2. The applicant must have prerequisite skills and knowledge of life sciences, physical sciences, behavioral sciences, and mathematics.

*Implementation: The applicant must demonstrate through transcript credit (which could include course work, advanced placement, CLEP, or examination of equivalency) knowledge and skills in the areas delineated in this standard. Appropriate course work could include human anatomy and physiology, neuroanatomy and neurophysiology, genetics, physics, inorganic and organic chemistry, psychology, sociology, anthropology, and non-remedial mathematics. The intent of this standard is to require students to have a broad liberal arts and science background, in addition to knowledge of life sciences and physical sciences specifically related to communication sciences and disorders. Therefore, science courses in speech-language pathology may **not** be counted for certification purposes in both this category and the professional areas. In addition to transcript credit, applicants may be required by their graduate program to provide further evidence of meeting this requirement.*

The following are examples of courses that fulfill ASHA's principles of biological sciences, physical sciences, mathematics, and the social/behavioral sciences requirements. **Students should contact the graduate programs where they intend to apply for information regarding course requirements specific to those universities.**

Life sciences (one or more): BIOLOGY, PHYSIOLOGY, GENETICS

Physical sciences (one or more): CHEMISTRY, PHYSICS, ASTRONOMY, EARTH & SPACE SCIENCE
(Chemistry and Physics coursework will have greater relevance in the area of audiology)

Social/Behavioral Sciences (one or more): PSYCHOLOGY, SOCIOLOGY, ANTHROPOLOGY

Mathematics (one or more): MATHEMATICS (non-remedial) such as ALGEBRA, PRECALCULUS, CALCULUS

**ASHA Standard IV-B: Foundations of Practice The applicant must have knowledge of:
B4. Anatomy and physiology, pathophysiology and embryology, and development of the auditory and vestibular systems; B5. Normal development of speech and language; B7. Normal processes of speech and language production and perception over the life span; B15. Principles and practices of research, including experimental design, statistical methods, and application to clinical populations**

Implementation: The applicant must demonstrate the acquisition of the knowledge referred to in this Standard.

The following are examples of courses that demonstrate knowledge required for these standards. **Students should contact the graduate programs where they intend to apply for information regarding course requirements specific to those universities.**

Normal Development & Processes Speech and Language: LINGUISTICS (LING 203 Language Acquisition & Dev), PSYC (PSYC 250 Child Development) or relevant coursework in COMMUNICATION SCIENCE UNDERGRADUATE PROGRAMS

Anatomy: SPHS 570 Anatomy & Physiology of the Speech and Hearing Mechanism or relevant coursework in COMMUNICATION SCIENCE UNDERGRADUATE PROGRAMS

Statistics: A basic statistics course such as STOR 151 Basic Statistics or STOR 155 Intro to Statistics or PSYC 210 Statistical Principles of Psychological Research is a requirement for students admitted to the AuD program in Audiology at UNC-CH. This course is required in addition to the Mathematics requirement for Audiology.

In addition to the aforementioned ASHA standards, UNC at Chapel Hill requires that individuals seeking admission to the AuD program have introductory coursework related to the profession of Audiology.

The following is an example of courses that satisfy this requirement. **Students should contact the graduate program where they intend to apply for information regarding course requirements specific to those universities.**

Audiology: SPHS 523 Introduction to Audiology or a collection of audiology related coursework at other undergraduate programs

Speech and Language Disorders: Although coursework in this area is not required for admission, students graduating from UNC at Chapel Hill will be required to have 6 credit hours in speech and language disorders to be eligible for licensure in the state of North Carolina. This coursework may be done as an Undergraduate.