

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE IN SPEECH & HEARING SCIENCE

Name: _____ **UIN:** _____ **128 total hours are required for the degree**

All University, College, and Departmental requirements must be completed to receive the Bachelor of Science degree in Speech and Hearing Science. One area of concentration from: Speech-Language Pathology, Audiology, Neuroscience of Communication, or Cultural-Linguistic Diversity must be selected and declared prior to the final year. All SHS majors should select their General Education requirements carefully from the university's list of approved General Education courses: <https://courses.illinois.edu>.

COMMUNICATION SKILLS (Two to three courses, 7-10 hours)

One course in Composition One: RHET 105 Writing & Research (one class, 4 hours) or equivalent **-OR-** students may choose instead to take two classes (6 hours), CMN 111 Oral & Written Communication I & CMN 112 Oral & Written Communication II _____

One course in Advanced Writing from the Gen. Ed. list (3-4 hours). Course must be completed on the UIUC campus. _____

NATURAL SCIENCES & TECHNOLOGY (Two courses, 6 hours)

Advisory note #1: For the BS degree, select from any Life and/or Physical science from the approved Gen. Ed. list. Those planning on pursuing eventual ASHA certification as a SLP may consider taking one Biological (Animal or Human) and one Physical Science (Chemistry or Physics) and consult individual graduate programs regarding specific requirements. Samples of UIUC Gen. Eds. in these areas include: ANSC 110 Life with Animals & Biotech, ANSC 207 Companion Animal Biology & Care, ANTH 143 Biology of Human Behavior, IB 100 Biological Sciences, MCB 100 Introductory Microbiology, MCB 150 Molecular/Cellular Bases of Life, PSYC 210 Behavioral Neuroscience (Life Sciences): _____

Also, CHEM 101 Introductory Chemistry, CHEM 102 Gen. Chemistry I/CHEM 103 Gen. Chem. Lab I, CHEM 108 Chemistry Everyday Phenomena, PHYS 101 College Physics: Mechanics & Heat, PHYS 123 Physics Made Easy, PHYS 140 How Things Work; PHYS 150 Physics of Societal Issues (Physical Sciences): _____

Advisory Note #2: Those pursuing Audiology are advised that some graduate schools may require a Physics or Math course beyond this.

QUANTITATIVE REASONING I (One course, 3 hours)

Advisory note#1: For the BS degree, select one course from the approved Gen. Ed. list. A course in general statistics or equivalent is advised for those students planning to pursue eventual certification as a SLP. Choices: STATS 100 Statistics or STATS 200 Statistical Analysis or STATS 210 Biostatistics) _____

Advisory note#2: Students planning on pursuing graduate work in Speech & Hearing Science are advised that some graduate schools may require additional math. While they may select another class from the approved Gen. Ed. list in QR2 for this, those pursuing audiology are advised to consider the following additional courses in QRI and/or one from those listed below in QR2. QRI courses: MATH 115 Prep for Calculus; MATH 117 Elementary Math; MATH 119 Ideas in Geometry; MATH 124 Finite Math; MATH 181 Mathematical World.

QUANTITATIVE REASONING II (One course, 3 hours)

SHS 240 Intro to Sound & Hearing Science; MATH 213 Basic Discrete Math; PHYCS 101 College Physics: Mechanics & Heat; PHYS 140 How Things Work; PHYS 150 Physics of Societal Issues _____

HUMANITIES & THE ARTS (Two courses, 6 hours)

May select from either Historical/Philosophical Perspectives and/or Literature & the Arts. _____

CULTURAL STUDIES (Two courses, 6 hours). Must take one class from each area.

Western/Comparative Cultures (3 hrs) _____ Non-western/U.S. Minority (3 hrs) _____

SOCIAL & BEHAVIORAL SCIENCE (Two courses, 6 hours)

Two courses from the Gen. Ed. list are required. Recommended areas include, but are not limited to: Psychology, Sociology, Anthropology, Community Health, Human Dev. & Family Studies. **Advisory Note:** SHS classes on the Gen. Ed. list that are not being used to fulfill departmental requirements may also be taken: _____

FOREIGN LANGUAGE (0-16 hours)

Students may satisfy this university requirement if they had successfully completed EITHER three years of a language other than English in high school **or** successfully completed a third semester college-level course in a language other than English **or** demonstrated proficiency through the third semester level on an approved university or department proficiency exam. _____

GENERAL ELECTIVES (Number of courses and hours will vary)

The type of electives taken will vary with the individual; electives are needed to achieve the 128 minimum total hours required for the BS degree.

In addition to Gen. Eds., all students must complete the specified SHS core courses regardless of their area of concentration. Students are advised to work with the undergraduate academic advisor to ensure courses are taken in proper sequential order. Only one area of concentration (Speech-Language Pathology, Audiology, Neuroscience of Communication, or Cultural-Linguistic Diversity) may be selected and must be declared by the senior year. Extra courses from other areas of concentrations may be taken as electives.

--SHS CORE COURSES AND AREAS OF CONCENTRATION LISTED ON BACK--

SHS CORE COURSES (25 hours)

SHS 191X (1) Orientation for SHS Majors (F, S)____ SHS 300 (4) Anatomy & Physiology of the Speech Mechanism (F)____
SHS 170 (3) Human Comm.:Systems, Processes&Disorders (F, S)____ SHS 301 (4) General Speech Science (S)____
SHS 200 (3) General Phonetics (S)____ SHS 320 (3) Development of Spoken Language (F)____
SHS 240 (3) Intro to Sound and Hearing Science (S)____ SHS 450 (4) Introduction to Audiology and Hearing Disorders (F)____

SHS CONCENTRATIONS (CHOOSE ONE)

SPEECH-LANGUAGE PATHOLOGY (16-17 hours)

SHS 280 (3) Communication Neuroscience (F)____ SHS 451 (3) Aural Rehabilitation of Children to Adults (F)____
SHS 380 (3) Communicative Competence and Disorders (S)____ SHS 473 (3) Augmentative and Alternative Communication (S)____
SHS 385 (3) Current Issues in Evidence Based Practice (S)____ SHS 475 (1) Pre-practicum in Speech-Language Pathology (F, S)____

In addition, a minimum of 6 hours must be taken from the following specified electives:

SHS 271 (3) Communication and Aging (F)____ SHS 410 (3) Introduction to Stuttering (S)____
SHS 285 (3) Quantitative Bases in SHS (3 hrs, or an approved substitution)____ SHS 411 (3) Introduction to Voice Disorders (S)____
SHS 291 (1-3) Research Lab Experience in SHS (F, S, Su)____ SHS 430 (3) Develop. & Disorders/Phonology & Articulation (F)____
SHS 375 (3) Communication Partners and Health (F, S)____ SHS 431 (3) Language Disorders in Preschool Children (F)____

***OBSERVATION HOURS: Many graduate programs require 25 clinical observation hours to be completed and recorded prior to pursuing graduate studies in Speech-Language Pathology or Audiology. These are encouraged but not required for the Bachelor of Science degree. Some hours may be completed prior to, or while serving as a clinical participant during the SHS 475 Pre-practicum course.**

AUDIOLOGY (16-17 hours)

SHS 280 (3) Communication Neuroscience (F)____ SHS 385 (3) Current Issues in Evidence Based Practice (S)____
SHS 285 (3) Quantitative Bases in SHS (F)____ SHS 451 (3) Aural Rehabilitation of Children to Adults (F)____
SHS 352 (3) Hearing Health and Society (S)____ SHS 475 (1) Pre-practicum in Audiology (F, S)____

In addition, a minimum of 6 hours must be taken from the following specified electives:

SHS 222 (3) Language and Culture of Deaf Communities (F, S)____ SHS 291 (1-3) Research Lab Experience in SHS (F, S, Su)____
SHS 270 Communication Disability in the Media (F, S)____ SHS 375 (3) Communication Partners and Health (F, S)____
SHS 271 Communication and Aging (F)____ SHS 473 (3) Augmentative & Alternative Communication(3)____

NEUROSCIENCE OF COMMUNICATION (16-17 hours)

SHS 280 Communication Neuroscience (S)____ SHS 427 Language and the Brain (S)____
SHS 285 Quantitative Bases in SHS (F)____ SHS 470 Neural Bases in Speech Language (F)____
SHS 389 Neuroplasticity & Communication (S)____

In addition, a minimum of 6 hours must be taken from the following specified electives:

Any Chemistry or Physic 100-level class (3)____ PSYC 230 (3) Perception and Sensory Processes____
IB 100 (3) Biological Sciences (cannot be double counted as a Gen. Ed.)____ PSYC 248 (3) Learning and Memory____
PSYC 204 (3) Intro to Brain and Cognition____ SHS 271 (3) Communication and Aging (F)____
PSYCH 216 (3) Child Psychology or EPSY 236 (3) Child Development____ SHS 291 (1-3) Research Lab Exp.in SHS (F, S, Su)____
PSYC 224 (3) Cognitive Psychology____ SHS 375 (3) Communication Partners & Health (F, S)____
SHS 473 (3) Augmentative & Alternative Communication (S)____

CULTURAL-LINGUISTIC DIVERSITY (16-17 hours)

SHS 222 Language and Culture of Deaf Communities (F, S)____ SHS 271 Communication & Aging (F)____ SHS 380 Commun.Competence &Disorders (S)____
SHS 270 Communication Disability in the Media (F, S)____ SHS 352 Hearing Health and Society (S)____

In addition, a minimum of 6 hours must be taken from the following specified electives. This may include up to 6 hours of a foreign language (hours taken above and beyond those used to satisfy the university's non-primary language requirement or taken in a different area for elective credit) OR:

CMN 232 (3) Intro to Intercultural Communication____ LING 210 (3) Language History____ Foreign language courses (beyond those
CHLH 330 (3) Disability in American Society____ LING 450 (3) Sociolinguistics I____ used to address the university's non-primary
CHLH 407 (3) Disability, Culture & Society____ SOC 225 (3) Race and Ethnicity____ language requirement)____
EPS 310 (3) Race and Cultural Diversity____ SOC 227 (3) Latina/Latinos in Contemporary US____
EPSY 202 (3) Exploring Cultural Diversity____ SPED 117 (3) The Culture of Disability____
LING 111 (3) Language in Globalization____ SHS 291 (1-3) Research Lab Experience in SHS (F, S, Su)____