

SPEECH & HEARING SCIENCE, BS

for the degree of Bachelor of Science Major in Speech & Hearing Science

The Speech and Hearing Science, B.S. provides explicit background in the theoretical and clinical areas necessary for graduate study. Students will learn foundational knowledge for understanding human speech, language, swallowing, hearing, and balance processes, with an emphasis on the implications of differences and disruptions in the communication systems associated with disorders. Students are prepared to pursue graduate study and pre-certification requirements associated with becoming an audiologist or speech-language pathologist.

More information about the fields of speech-language pathology and audiology may be found on the American Speech-Language-Hearing Association's (ASHA) website (www.asha.org).

All students must complete a series of professional core courses and electives in Speech & Hearing Science. Students are advised to work with the undergraduate academic advisor to ensure the major and Gen Ed courses are taken in proper sequential order and meet the requirements for eventual ASHA certification.

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Graduation Requirements

Minimum hours required for graduation: 120 hours.

All students must complete a series of SHS professional core classes and an additional 12 credits of SHS electives. Students are advised to work with the undergraduate academic advisor to ensure courses are taken in proper sequential order and, if desired, that they meet the requirements for eventual ASHA certification. NOTE: For those planning on pursuing graduate studies in Speech-Language Pathology or Audiology, many graduate programs require 25 clinical observation hours prior to starting graduate school. Some of these may be completed as part of SHS 475.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (<https://studentcode.illinois.edu/article3/part8/3-801/>) (§ 3-801) and in the Academic Catalog (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

General Education Requirements

Follows the campus General Education (Gen Ed) requirements (<https://courses.illinois.edu/gened/DEFAULT/DEFAULT/>). Some Gen Ed requirements may be met by courses required and/or electives in the

program. Speech and Hearing Science Gen Ed courses may be viewed: SHS Gen Ed (<https://courses.illinois.edu/gened/history/SHS/>)

Code	Title	Hours
	Composition I	4-6
	Advanced Composition	3
	Humanities & the Arts (6 hours)	6
	Natural Sciences & Technology (6 hours)	6
	fulfilled by CHEM 101, CHEM 102, CHEM 108, CHEM 202, PHYS 101, PHYS 102, PHYS 211, or PHYS 212; and ANTH 143, ANTH 241, ANTH 246, ANTH 249, HK 150, IB 100, IB 104, IB 110, IB 150, MCB 100, MCB 150, or MCB 170	
	Social & Behavioral Sciences (6 hours)	6
	fulfilled by LING 100 and SHS 271	
	Cultural Studies: Non-Western Cultures (1 course)	3
	Cultural Studies: US Minority Cultures (1 course)	3
	Cultural Studies: Western/Comparative Cultures (1 course)	3
	Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-10
	fulfilled by STAT 100, STAT 107, STAT 200, or STAT 212; and any other course approved as Quantitative Reasoning I or II	
	Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

Speech & Hearing Science Major Requirements

Chemistry/Physics Requirement (Select one)

Code	Title	Hours
CHEM 101	Introductory Chemistry	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 108	Chemistry, Everyday Phenomena	3
CHEM 202 & CHEM 203	Accelerated Chemistry I and Accelerated Chemistry Lab I	5
PHYS 101	College Physics: Mech & Heat	5
PHYS 102	College Physics: E&M & Modern	5
PHYS 211	University Physics: Mechanics	4
PHYS 212	University Physics: Elec & Mag	4

Animal/Human Biology Requirement (Select one)

Code	Title	Hours
ANTH 143	Biology of Human Behavior	3
ANTH 241	Human Biological Variation	3
ANTH 246	Forensic Science	4
ANTH 249	Evolution and Human Disease	3
HK 150	Bioscience of Human Movement	3
IB 100	Biology in Today's World	3
IB 104	Animal Biology	4
IB 110	Race and Environmental Biology	3
IB 150	Organismal & Evolutionary Biol	4
MCB 100	Introductory Microbiology	3
MCB 150	Molecular & Cellular Basis of Life	4
MCB 170	Society and the Brain	3

Statistics Requirement (Select one)

Code	Title	Hours
STAT 100	Statistics	3
STAT 107	Data Science Discovery	4
STAT 200	Statistical Analysis	3
STAT 212	Biostatistics	3

Linguistics Requirement

Code	Title	Hours
LING 100	Intro to Language Science	3

Speech and Hearing Science Professional Core

Code	Title	Hours
SHS 170	Intro Hum Comm Sys & Disorders	3
SHS 191	Freshmen Seminar	1
SHS 200	General Phonetics	3
SHS 240	Intro Sound & Hearing Science	3
SHS 271	Communication and Aging	3
SHS 280	Communication Neuroscience	3
SHS 300	Anat & Physiol Spch Mechanism	4
SHS 301	General Speech Science	4
SHS 320	Development of Spoken Language	3
SHS 385	Interpreting Clinical Research in Speech & Hearing Science	3
SHS 391	Professional Preparation in Speech & Hearing Science	1
SHS 450	Intro Audiol & Hear Disorders	4
SHS 451	Aural Rehab Children to Adults	3
SHS 475	Prepracticum in SHS	1
Plus 12 hours of SHS electives from the list below.		12

Code	Title	Hours
SHS 120	Child, Comm, & Lang Ability	3
SHS 121	American Sign Language I	4
SHS 221	American Sign Language II	4
SHS 222	Language & Culture of Deaf Communities	3
SHS 270	Comm Disability in the Media	4
SHS 321	American Sign Language III	4
SHS 352	Hearing Health and Society	3
SHS 375	Communication Partners and Health	3
SHS 380	Comm Competence and Disorders	3
SHS 383	Special Topics	3 or 4
SHS 427	Language and the Brain	3 or 4
SHS 433	Children with Neurodevelopmental Disorders Across Communication Contexts	3
SHS 480	Understanding Disability and Assistive Technology	2
SHS 481	Creating and Procuring Accessible Electronic Materials	2
SHS 482	Designing Universally Accessible Web Resources	2

One of the courses below may be counted toward the 12 credits of SHS electives

CMN 232	Intro to Intercultural Comm	3
EPSY 202	Exploring Cultural Pluralism	3
LING 210	Language History	3
LING 450	Sociolinguistics I	3 or 4

No more than 3 credits total from the courses below may be counted toward the 12 credits of SHS electives

SHS 291	Research Lab Experience in SHS	1 to 3
SHS 390	Individual Study	2 to 4
SHS 395	Honors Individual Study	2

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. The minimum number of hours required for the BS degree is 120. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. See the corresponding section on the Degree and General Education Requirements (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year

First Semester	Hours	Second Semester	Hours
SHS 170	3	SHS 200	3
SHS 191	1	Language Other Than English (3rd level)	4
Composition I or Free Elective course	4	Composition I or Free Elective	3
General Education course	3	General Education course	3
General Education course	3	General Education course	3
Free Elective course	1		
15		16	

Second Year

First Semester	Hours	Second Semester	Hours
SHS 320	3	SHS 240	3
SHS 280	3	SHS 271	3
Chemistry/Physics Requirement	3	General Education course	3
LING 100	3	Statistics Requirement	3

Animal/ Human Biology Requirement	3 Free Elective course	3
15		15

Third Year

First Semester	Hours Second Semester	Hours
SHS 300	4 SHS 301	4
SHS 450	4 SHS 385	3
SHS Elective course	3 SHS Elective course	3
Free Elective course	3 General Education course	3
	Free Elective course	3
14		16

Fourth Year

First Semester	Hours Second Semester	Hours
SHS 391	1 SHS 475	1
SHS 451	3 SHS Elective course	3
SHS Elective course	3 Free Elective course	3
General Education course	3 Free Elective course	3
Free Elective course	3 Free Elective course	4
Free Elective course	2	
15		14

Total Hours 120

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College of Applied Health Sciences (<http://www.ahs.illinois.edu/>)

College of Applied Health Sciences catalog page (<http://catalog.illinois.edu/schools/ahs/academic-units/>)

1. Students will describe basic speech, language, and hearing processes across the lifespan from the biological, behavioral, and social science perspectives.
2. Students will apply knowledge of how disruptions in speech, language, and hearing processes relate to human communication functioning and disability.
3. Students will demonstrate the ability to read and evaluate literature related to human communication processes across academic disciplines.
4. Students will apply knowledge of cultural-linguistic diversity to human communication functioning and disability.

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Department of Speech and Hearing Science (<http://shs.illinois.edu/>)

Speech and Hearing Science faculty (<https://ahs.illinois.edu/shs-directory/>)