SPEECH, LANGUAGE AND HEARING SCIENCES, B.S.

Studying speech, language and hearing sciences at Saint Louis University will prepare you for a career as a speech-language pathologist or audiologist.

Speech-language pathologists help prevent, identify, assess and provide treatment for communication and swallowing disorders to improve outcomes and quality of life of the client and their families. These include language development, acquired language disorders, stuttering, and voice and articulation disorders. Disorders related to literacy also have become an area of focus for speech-language pathologists. Speech-language pathologists provide service to children and adults and work in various settings, including schools, hospitals, rehabilitation agencies, nursing homes, private practices and private clinics such as the Saint Louis University Speech-Language-Hearing Clinic.

Audiologists help prevent, identify, assess and treat hearing disorders. Audiologists also evaluate hearing, prescribe and dispense hearing aids, program cochlear implants, assess balance, and provide intervention for auditory processing disorders to improve auditory skills, outcomes and quality of life for clients and their families. Audiologists are also involved in monitoring nerve function during surgery. Audiologists work in various settings, including physician offices, hospitals, rehabilitation agencies, nursing homes, private practices and schools.

If you choose to major in speech, language and hearing sciences at Saint Louis University, you will observe adults and children with various speech, language and auditory disorders during your undergraduate years. Following the completion of your required courses, you’ll also have an opportunity to participate in an elective clinical practicum. Many students also choose to study abroad.


Curriculum Overview

SLU’s speech, language and hearing sciences program requires 38 credits of speech, language and hearing sciences coursework along with the required credits of the core curriculum. It also requires 25 credits of clinical observation and completion of a capstone project.

Requirements for the degree include:

- 3.00 cumulative GPA
- 25 hours of clinical observation
- Capstone project
- A minimum of 120 credits (33 credits from the core curriculum in addition to 38 credits required for the major)

All students in the program experience guided observation of adults and children with various speech, language and hearing disorders. In addition, undergraduate students meeting all pre-requisites have the opportunity to participate in an elective clinical practicum, typically done in the second semester of their senior year.

Clinical and Research Opportunities

SLU undergraduate students in speech, language and hearing sciences are encouraged to participate in research activities, either faculty-guided independent research or as a research assistant. Such activities provide learning experiences outside the classroom and serve to focus interest in the discipline. In addition to enriching the undergraduate curriculum, engaging in research is a valuable way to prepare for graduate studies.

Students will observe adults and children with a variety of speech, language and auditory disorders at SLU’s Reinert Speech-Language and Hearing Clinic (https://www.slu.edu/doisy/clinics-and-community/speech-hearing-learning-clinic.php). Following the completion of required courses, students also have an opportunity to participate in an elective clinical practicum.

The senior-year capstone course allows students to actively participate in speech, language and hearing sciences research.

Careers

Speech-language pathologists typically need a master’s degree to practice. Most speech-language pathologists work in schools or health care facilities.

A doctoral degree (either a Ph.D. or an Au.D.) is required for audiologists entering the profession. Most audiologists work in health care facilities.

An undergraduate degree in speech, language and hearing sciences can also act as preparation for other professional degrees such as medicine, special education or public health.

For those not wishing to pursue an additional degree, one can practice as a speech-language pathology assistant in many states with a B.A. in communication sciences and disorders. Furthermore, some graduates have jobs as research assistants or patient care advocates with a bachelor’s degree alone.

Speech-language pathology and audiology professions offer excellent employment opportunities. According to the U.S. Bureau of Labor Statistics, the job outlook for both professions is positive, with both projected to experience “much faster than average growth” in the next decade. In addition, Forbes ranked speech-language pathology as a top-25 job of 2019.

Speech-language pathologists and audiologists are employed in various settings such as schools, hospitals, nursing homes, rehabilitation agencies and private clinics or practices.

Admission Requirements

Freshman Admission

All applicants are thoroughly reviewed with the highest degree of individual care and consideration to all submitted credentials. Solid academic performance in college preparatory course work is a primary concern in reviewing a freshman applicant’s file.

- High school diploma or acceptable score on the General Educational Development test (GED)
- Minimum cumulative GPA of 2.50 on a 4.00 scale
- Saint Louis University has moved to a test-optional admission process for all undergraduate programs. Applicants may submit standardized test scores, but those who choose not to will not be disadvantaged in the admission process.
Transfer Admission
Transfer applicants are encouraged to meet with the department to evaluate their transcript. A 2.50 cumulative GPA is required.

Pre-Select SLHS Admission Option
Saint Louis University’s Speech, Language and Hearing Sciences Pre-Select Program offers an exclusive opportunity for juniors to be guaranteed a position in the SLHS graduate program after graduation. The purpose of this option is to provide qualified SLU undergraduate students the opportunity to apply for early admission into the SLU SLHS master’s program during their junior year and be granted direct admission into the program, allowing students to bypass the CSDCAS online application and the GRE.

Criteria for Current SLU Students:
- Minimum of 3.50 cumulative GPA and must maintain until graduation
- A grade of C or better in all SLHS major courses
- A personal statement letter
- Recommendations from two SLHS faculty

Students admitted will have the opportunity to take SLHS 4650/5100 (Counseling) or SLHS 4600/5880 (Advanced Audiology) at graduate-level credit in their senior year.

Students who have transferred into SLU’s SLHS department are eligible to apply for the pre-select admission option after completing a minimum of two full-time semesters at Saint Louis University, in addition to meeting the other criteria listed above.

Application Process:
1. Attend the pre-select interest meeting in the spring to review the admission requirements and discuss the application process.
2. Complete the SLHS pre-select admission form during the spring semester of junior year, no later than April 15, for pre-admission the following year. Forms are available from the undergraduate program director.
3. Two recommendations using a standard recommendation form are required from SLU SLHS faculty who can attest to your academic and/or professional attributes and support your application for the pre-select program.
4. Letter of application with a personal statement including professional interests, goals, personal attributes, etc., that supports your candidacy for the SLHS pre-select program should be included.
5. A statement of intent will be included after you are sent a verification statement of your early admittance to the SLHS graduate program. This is submitted by March 30 of senior year.

Applicants will receive written notification of acceptance or rejection into the SLHS pre-select program no later than May 30 of junior year. Failure to complete academic and graduation requirements will compromise pre-select admissions.

Scholarships and Financial Aid
There are two principal ways to help finance a Saint Louis University education:

- Scholarships: Scholarships are awarded based on academic achievement, service, leadership and financial need.
- Financial Aid: Financial aid is provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit www.slu.edu/financial-aid (https://www.slu.edu/financial-aid/).

Leveling Option
The leveling option is designed for students who wish to pursue a graduate degree in speech-language pathology or audiology and already have a baccalaureate degree in a different discipline. The curriculum (32 credits) of the leveling option is based on the Department of Speech, Language and Hearing Sciences undergraduate curriculum and is designed to provide the courses necessary to apply to a graduate program in one of these professions.


Accreditation
For more information about the SLU speech, language, and hearing sciences program's student outcomes data (completion rates, Praxis exam pass rates, and employment rates), CAA complaint policy and accreditation information, please see the student outcome data and accreditation information (https://www.slu.edu/doisy/degrees/program-pdfs/csd-accreditation-0218.pdf) below.

View Student Outcome Data and Accreditation Information (PDF) (https://www.slu.edu/doisy/degrees/program-pdfs/csd-accreditation-0218.pdf)

Learning Outcomes
1. Graduates will be able to demonstrate an understanding of the marginalized status of individuals with disabilities.
2. Graduates will be able to identify how students’ actions can impact their professional decisions with ethical consequences.
3. Graduates will be able to apply the principles of evidence-based research to understand typical speech and language development.
4. Graduates will be able to apply the principles of evidence-based practice to identify acceptable treatment methodologies.

Requirements
Students in SLU’s speech, language and hearing sciences undergraduate program take the following courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1050</td>
<td>Basic Chemistry (satisfies CORE 3800)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1080</td>
<td>Principles of Chemistry 1 Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>CORE 1500</td>
<td>Cura Personalis 1: Self in Community</td>
<td>1</td>
</tr>
<tr>
<td>CORE 1600</td>
<td>Ultimate Questions: Theology</td>
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</tbody>
</table>
CORE 1700 Ultimate Questions: Philosophy 3
CORE 2500 Cura Personalis 2: Self in Contemplation 0
CORE 2800 Eloquienia Perfecta 3: Creative Expression 2-3
CORE 3400 Ways of Thinking: Aesthetics, History, and Culture 3
ENGL 1500 The Process of Composition (Not required if received higher than 25 on ACT) 3
ENGL 1900 Advanced Strategies of Rhetoric and Research (satisfies CORE 1900) 3
HCE 2010 Foundations in Clinical Health Care Ethics 3
HSCI 2200 Medical Terminology 3
IPE 2100 Interprofessional Collaboration and Healthcare in Global Context 3

PHYS 1050 Intro to Physics of Human Body 3
or CHEM 1080 Principles of Chemistry 1 Lecture 3
PSY 1010 General Psychology (satisfies CORE 3600) 3
STAT 1100 Introduction to Statistics (satisfies CORE 3200) 3
or MATH 1300 Elementary Statistics with Computers 3

General Electives 12

SLHS Courses
SLHS 1000 Introduction to Speech, Language & Hearing Sciences 3
SLHS 2000 Phonetics 2
SLHS 2200 Anatomy and Physiology of the Speech Mechanism 3
SLHS 2400 Foundations of Language 3
SLHS 3000 Cultural Linguistic Diversity 3
SLHS 3200 Speech Science 3
SLHS 3400 Hearing Science 3
SLHS 3700 Speech and Language Development 3
SLHS 4150 Survey of Speech & Language Disorders 3
SLHS 4200 Audiology: Basic Audimetry 3
SLHS 4300 Clinical Methods 3
SLHS 4350 Professional Writing & Documentation for the SLP and AuD 1

SLHS 4400 Aural Rehabilitation 3
SLHS 4500 Neurological Basis of Communication 3
SLHS 4800 Senior Seminar 2
SLHS 4650 Counseling (satisfies CORE 4000) 2

Optional Courses
SLHS 1000 Introduction to Speech, Language & Hearing Sciences 3
SLHS 1420 Deaf Culture and Sign Language 3
SLHS 4500 Research Seminar 1
SLHS 4600 Research Practicum 1
SLHS 4650 Advanced Audiology 2
SLHS 4700 Clinical Practicum 1
SLHS 4900 Speech Sound Disorders Assessment & Treatment 2
EDSP 3560 Special Ed. Process 3
EDSP 3700 Intro to Disabilities Studies 3
EDSP 4310 Ed & Psych of the Exp Ind 3

Total Credits 122-123

- All speech, language and hearing sciences courses must be completed with a grade of "C" or higher in order to count for the major (courses may only be taken twice).
- Students must maintain a 2.50 cumulative GPA as freshmen and sophomores, a 2.75 cumulative GPA as juniors, a 2.90 cumulative GPA as seniors and a 3.0 cumulative GPA is required to graduate.
- Students will be dismissed from the program if they are on probation for three semesters and do not meet the GPA requirements.

SLHS Scholars

<table>
<thead>
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<td>General Biology: Transformations of Energy and Matter (satisfies CORE 3800)</td>
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<td>Basic Chemistry</td>
<td>3</td>
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<td>CMM 1200</td>
<td>Public Speaking</td>
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<tr>
<td>or THR 2540</td>
<td>Voice &amp; Diction</td>
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<td>CORE 1500</td>
<td>Cura Personalis 1: Self in Community</td>
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<td>CORE 1600</td>
<td>Ultimate Questions: Theology</td>
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<td>Ultimate Questions: Philosophy</td>
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<td>CORE 2800</td>
<td>Eloquienia Perfecta 3: Creative Expression</td>
<td>2-3</td>
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<td>Ways of Thinking: Aesthetics, History, and Culture</td>
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<td>EDSP 4310</td>
<td>Ed &amp; Psych of the Exp Ind</td>
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<td>ENGL 1500</td>
<td>The Process of Composition (must take if received 25 or below on ACT)</td>
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<td>Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)</td>
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<td>Foundations in Clinical Health Care Ethics</td>
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<td>IPE 2100</td>
<td>Interprofessional Collaboration and Healthcare in Global Context</td>
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<td>PHYS 1050</td>
<td>Intro to Physics of Human Body</td>
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<td>PSY 3210</td>
<td>Developmental Psych: Child</td>
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<td>or THR 2540</td>
<td>Voice &amp; Diction</td>
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<td>STAT 1300</td>
<td>Elementary Statistics with Computers (satisfies CORE 3200)</td>
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SLHS Courses

SLHS 1000 Introduction to Speech, Language & Hearing Sciences (satisfies CORE 1000) 3
SLHS 1420 Deaf Culture and Sign Language 3
SLHS 2500 Cura Personalis 2: Self in Contemplation 0
SLHS 2500 Eloquienia Perfecta 3: Creative Expression 2-3
SLHS 2400 Foundations of Language 3
SLHS 3000 Cultural Linguistic Diversity 3
SLHS 3200 Speech Science 3
SLHS 3400 Hearing Science 3
SLHS 3700 Speech and Language Development 3
SLHS 4150 Survey of Speech & Language Disorders 3
### Standard Course

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<td>Ultimate Questions: Philosophy</td>
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<td>SLHS 1420</td>
<td>Deaf Culture and Sign Language</td>
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<td></td>
<td>ENGL 1500</td>
<td>The Process of Composition (if received 25 or higher on ACT, can take elective instead)</td>
<td>3</td>
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<td></td>
<td>STAT 1100</td>
<td>Introduction to Statistics (satisfies CORE 3200)</td>
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<td>SLHS 1000</td>
<td>Introduction to Speech, Language &amp; Hearing Sciences (satisfies CORE 1000)</td>
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<td>IPE 2100</td>
<td>Interprofessional Collaboration and Healthcare in Global Context</td>
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<td>SLHS 2000</td>
<td>Phonetics</td>
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<td>Anatomy and Physiology of the Speech Mechanism</td>
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<td>SLHS 3400</td>
<td>Hearing Science</td>
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<td>Ed &amp; Psych of the Exp Ind (Or Elective)</td>
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<tr>
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<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)</td>
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<td>Foundations in Clinical Health Care Ethics or Medical Ethics</td>
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<td>Speech Science</td>
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<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
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<td></td>
<td>EDSP 3700</td>
<td>Intro to Disabilities Studies (Or Elective)</td>
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<td>PSY 3210</td>
<td>Developmental Psych: Child</td>
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<td></td>
<td>SLHS 3700</td>
<td>Speech and Language Development</td>
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<tr>
<td></td>
<td>XXXX</td>
<td>Elective (for minor)</td>
<td>3</td>
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<td><strong>Total Credits</strong></td>
<td><strong>14-15</strong></td>
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</table>

### Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.
Speech, Language and Hearing Sciences, B.S. 2022-2023

SLHS 4300  Clinical Methods  3
SLHS 4350  Professional Writing & Documentation for the SLP and AuD  1
SLHS 4400  Aural Rehabilitation  3
HSCI 2200  Medical Terminology  3
XXXX  Elective  3
XXXX  Elective  3

Credits  16

Spring
EDSP 3560  Special Ed. Process (Or Elective)  3
SLHS 4500  Neurological Basis of Communication  3
SLHS 4600  Advanced Audiology  2
or SLHS 4900  or Speech Sound Disorders Assessment & Treatment
SLHS 4650  Counseling  2
SLHS 4700  Clinical Practicum  1
SLHS 4800  Senior Seminar  2

Credits  13

Total Credits  121-122

Program Notes
If you plan to take CSDI 4700, you must complete 25 observation hours by mid-December; otherwise, by mid-April as this is a graduation requirement.

Minimum credits for graduation is 120 (core credit hours = 33 hours)

SLHS Scholars

Course  Title  Credits

Year One
Fall
SLHS 1420  Deaf Culture and Sign Language  3
SLHS 1000  Introduction to Speech, Language & Hearing Sciences (satisfies CORE 1000)  3
CORE 1500  Cura Personalis I: Self in Community  1
CORE 1700  Ultimate Questions: Philosophy  3
ENGL 1500  The Process of Composition (If received 25 or higher on ACT, can take elective instead)  3
STAT 1100  Introduction to Statistics (satisfies CORE 3200)  3
or MATH 1300  or Elementary Statistics with Computers

Credits  16

Spring
CHEM 1050  Basic Chemistry (satisfies CORE 3800)  3
CORE 1600  Ultimate Questions: Theology  3
IPE 2100  Interprofessional Collaboration and Healthcare in Global Context  3
SLHS 2400  Foundations of Language  3
XXXX  Core Elective  3

Credits  15

Year Two
Fall
EDSP 4310  Ed & Psych of the Exp Ind (Or Elective)  3
ENGL 1900  Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)  3
HCE 2010  or PHIL 3360  Foundations in Clinical Health Care Ethics or Medical Ethics  3
SLHS 2000  Phonetics  2
SLHS 2200  Anatomy and Physiology of the Speech Mechanism  3
SLHS 3400  Hearing Science  3

Credits  17

Spring
CORE 2500  Cura Personalis 2: Self in Contemplation  0
CORE 2800  Eloquenbia Perfecta 3: Creative Expression  2-3
CORE 3400  Ways of Thinking: Aesthetics, History, and Culture  3
SLHS 3200  Speech Science  3
HSCI 2500  Human Development across the Lifespan  3
or EDF 2240  or Growth Development and Learning
XXXX  Psychology Elective: satisfies CORE 3600  3

Credits  14-15

Year Three
Fall
BIOL 1240  General Biology: Information Flow and Evolution  3
EDSP 3700  Intro to Disabilities Studies (Or Elective)  3
PSY 3210  Developmental Psych: Child  3
SLHS 3700  Speech and Language Development  3
XXXX  Core Elective  3

Credits  15

Spring
CMM 1200  Public Speaking (satisfies CORE 1200)  3
SLHS 3000  Cultural Linguistic Diversity  3
SLHS 4150  Survey of Speech & Language Disorders  3
SLHS 4200  Audiology: Basic Audiometry  3
XXXX  Elective  3

Credits  15

Year Four
Fall
Participation in / Completion of 25 observation hours by mid-December in order to take CSDI 4700
HSCI 2200  Medical Terminology  3
SLHS 4300  Clinical Methods  3
SLHS 4350  Professional Writing & Documentation for the SLP and AuD  1
SLHS 4400  Aural Rehabilitation  3
XXXX  Elective  3
XXXX  Elective  3

Credits  16

Spring
EDSP 3560  Special Ed. Process  3
SLHS 4650  Counseling  2
SLHS 4700  Clinical Practicum  1
SLHS 4800  Senior Seminar  2
SLHS 4500  Neurological Basis of Communication  3
SLHS 4600      Advanced Audiology      2

Credits          13

Total Credits    121-122

Program Notes
SLHS Scholars (https://www.slu.edu/doisy/degrees/undergraduate/csd-scholars.php) are required to take CSDI 4700. Minimum credits for graduation is 120 (CSD credits = 41). The minor is not required for graduation, although it is suggested.

Contact Us
Apply for Admission (https://www.slu.edu/admission/)

Contact Doisy College of Health Sciences:
Julie Miller
Recruitment Specialist
314-977-2570
dchs@health.slu.edu